THE Fisherman

—THE LONG ISLAND, METROPOLITAN NEW YORK EDITION—

March 10th—16th, 1983
Volume 18, Number 10

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Volume 18, Number 10 March 10th, 1983

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ABOUT THE COVER:

The National Marine Fisheries Service will be conducting public hearings concerning the bluefin tuna fishery this month. See this week's Pass It On section for more details. Cover photo by Al Ristori.

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Pass It On...

IMPORTANT HEARINGS ON THE BLUEFIN TUNA FISHERY SCHEDULED FOR THIS MONTH ON LONG ISLAND

The National Marine Fisheries Service will be holding two very important public hearings on Long Island concerning proposed regulations on the bluefin tuna fishery.

The first will be held on Monday, March 14 at the Riverhead Holiday Inn. A second hearing was added to the original schedule at the urging of the New York Sport Fishing Federation which felt the Riverhead location would be a deterrent to attendance by anglers living to the west.

A second meeting was then scheduled for Wednesday, March 16, at the new Marriott Hotel adjacent to Nassau Coliseum. Both get under way at 7PM. Let's all get out and show our support for the recreational fishing industry. The two locations should give everyone a chance to be represented and you don't have to be an offshore angler to show your support.

SENATOR JOHNSON CONDUCTS SHELLFISH HEARING

State Senator Owen H. Johnson of West Babylon (right) recently cosponsored a joint legislative hearing in Hauppauge to evaluate the effects of shellfish regulation in New York State. Senator Johnson, who serves as Chairman of the Senate Subcommittee on the Long Island Marine District, renewed his call for a special "marine resources" fund within the state's Conservation Fund and said he will introduce a package of bills for consideration during the 1983 legislative session in response to the needs of Long Island's shellfish industry. Shown with Senator Johnson are Senator Caesar Trunzo of Brentwood (left) and Dominic Jacangelo, subcommittee director.

NEW YORK SPORT FISHING FEDERATION REPRESENTS YOU—THE RECREATIONAL ANGLER

The New York Sport Fishing Federation, a young but already powerful organization boasting a membership of over 30,000 recreational anglers, is looking to add to those already impressive numbers by recruiting fishing clubs which are not currently represented by the Federation. The group has rapidly become one of the most vocal and respected representatives of the New York recreational community which it has apparently succeeded in unifying—something that has been desperately needed for a long time.

So, now is the time to join with your fellow anglers and have your voices heard on issues such bluefin tuna regulations, striped bass legislation, the netting of weakfish in Great South Bay, the saltwater license issue and D/J tax money.

Don't delay—your support is needed now!

For more information, club reps should contact Vic Rivas (director) at (516) 589-2328.

WANT TO JOIN A SURF FISHING CLUB?

Have you been fishing the surf alone the last few years? Would you like to talk about surf fishing to other surf fishermen? Would you like to be active in a surf fishing club that considers fishing, conservation, social activities, and interclub contests important? If the answer to these questions is yes, then perhaps you may want to look into the High Hill Striper Club. We have a few openings for new members right now and we are eager to meet new people who share our love for surf fishing. If you would like to attend our next meeting for a look-see, call Tom Fitzsimmons at 825-2499 (evenings and weekends) for more information.

N. BROOK HAVEN SPORT FISHERMEN'S CLUB NEW SLATE

President: John Herson
Vice Pres: Roy Acuri
Serg. At Arms: Richard Bergman
Financial Sec.: Joe Fettin
Corr. Sec.: Mel Lippman
Treasurer: Cliff McNamara
Recording Sec: Carmine Mella
Trustees: Tom Rinaldi, Dan Marchand and Ray Carter.

NOR-WEST FISHING CLUB ELECTS '83 SLATE

Nor-West Fishing Club is pleased to announce the election of new officers for 1983:

President: Steve Petri; Vice President: Bill Lomnicki; Secretary: Al Buccola; and Treasurer: Ernie Moebius.

The membership would like to thank the outgoing officers for their fine work in 1982.

MARINE ELECTRICAL SYSTEMS SHORT COURSE

The most frequent problems encountered by Long Island's commercial and pleasure boating industry are those that relate to the vessel's electrical system. The corrosive marine environment wreaks havoc with charging systems, batteries, wiring and accessories. In an effort to help captains deal with these problems, the State University of New York at Farmingdale and the Sea Grant Extension Program are offering a one-day short course on DC marine electrical systems. The one-day course will be held at SUNY-Farmingdale (Route 110) on Saturday, March 12, 9AM to 5PM and repeated on future dates. This course will cover how to use test equipment, batteries, charging systems, wiring and trouble shooting. The goal of the course is to

save attendees the tuition fee ($30) on their first repair. Contact the Sea Grant office (516) 727-3910, for more information.

L.I. RESIDENT HOLDS NEW WORLD'S RECORD

Blanche Goodman, a member of the Atlantis Anglers Association, obtained the distinction of holding the women's IGFA 16 pound line class World's Record by bagging a 16 lb. 1 oz. bluefish using 12 pound test line. The fish was caught October 23, 1982 aboard Howard Sternberg's boat, the Judy II at the Cholera Banks. The bait used was bunker backs. The fish was gaffed by her husband, David, and weighed in at Charvin's Fishing Station.

STRIPER SURF CLUB RAFFLE WINNER

Peter R. Scelfo of West Babylon was the lucky winner of the Striper Surf Club's annual L.I. Boat Show Raffle. As this year's winner, Peter will be receiving a free two-year subscription to The Fisherman.

GARCIA OFFERS $1 MILLION PLUS IN PRIZES

One lucky angler has won $250,000 in the ABU-Garcia $1,000,000 Reward Fishing Contest, but three identical cash prizes are still available for world-record-breaking catches.

The quarter-million-dollar prize already awarded went to Albert McReynolds of Atlantic City, N.J. for a 78½ lb. striped bass. The remaining cash prizes are offered for a new world-record trout, salmon or largemouth bass.

In addition, ABU-Garcia, a leading manufacturer of fishing tackle, is offering a special $50,000 prize for an in-store match-up contest that can be won without even wetting a line.

Garcia dealers will have identical posters displaying four fish species. The same fish will appear in Garcia national advertising, and prizes will be awarded to those people whose advertisement successfully matches their dealer's display poster.

If there's no match, there are still prizes to be won. While in the dealer's store, the contestant can register for a second-chance drawing, for hundreds of Garcia tackle prizes.

The $1,000,000 Reward Fishing Contest is open to everyone who registers, and applies to catches made from September 1, 1982 through August 31, 1983. To win, the catch must be made in the Continental United States and must establish a new all-tackle category world record recognized by the International Game Fish Association (IGFA). For salmon or trout, where each category contains more than one species, the first record-breaking catch in the species will be the winner. For largemouth bass, which is a single species, the last record-breaking catch during the contest will take the prize.

IGFA is a worldwide association of anglers that has kept official track of world-record catches for decades. To qualify for world-record status by IGFA, catches must be made in accordance with IGFA angling rules. For a copy of the IGFA angling rules, contestants should send a request and a self-addressed, stamped envelope to: IGFA, 300 East Las Olas Blvd., Fort Lauderdale, FLA. 33316.

To obtain registration materials, write ABU-Garcia Contest, P.O. Box 4920, Blair, Neb. 68009, and enclose a self-addressed, stamped envelope.

MERRICK ROD & GUN CLUB NEW OFFICERS FOR 1983

The Merrick Rod & Gun Club held its annual Installation Dinner-Dance on February 26th at the Massapequa American Legion Hall. New officers for 1983 are as follows:

President—Paul Kimbley; Vice President—Ray Cheperuk; Recording Secretary—Bill Richko; Treasurer—Bob Murphy; Financial Secretary—Ron Krynski; Sergeant-at-Arms—Bill Heide; and Trustees—Henry Augustin, Paul Brychey and Rich Kimbley.

Outstanding Fisherman of 1982 was Paul Kimbley.

SURFSIDE III ANNUAL SHARK TOURNEY

The Surfside III Tuna Club has announced that their annual Shark Tournament will be held on July 16 out of the Lindenhurst Town Dock. For more info, call Rich Molnar at 785-0373 or Frank Pristera, at 957-3620.

WEST SIDE RIFLE AND PISTOL RANGE ANNOUNCES RAFFLE WINNERS

West Side Rifle and Pistol is pleased to announce the winners of the Raffle that was presented at Sportsman's Expo in the Nassau Coliseum the week of January 26, 1983.

The first prize went to K. Kelmanson of Long Beach, N.Y. It was a Colt O.S.S. 45 Caliber Gold Inlaid Commemorative.

Second prize was a Sterling 32 Auto; it went to Nathan Borochov of New York City.

Third prize, a H&R 22/22 Mag with a 7½" barrel was won by Paul Wash of Floral Park, N.Y.

All prizes can be picked up at The West Side Rifle & Pistol Range at 20 W. 20th St., New York, N.Y., 212-929-7287. The winners must bring the proper documents so the guns may be released to them.

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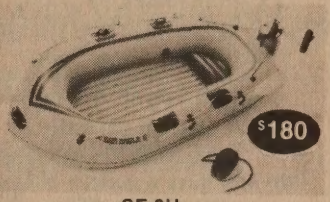

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Cortland translates famous line quality into rod quality with the CL-12 Rod Series. These handsome tubular glass rods feature Ferrule-S construction for strength and durability. Jet black "PowerMold" handles on spincast and baitcast models offer sure gripping control. Spinning rod models feature Veltex grips plus black and silver anodized reel seats. All models are mounted with ultra-smooth ceramic guides and tops. All shafts are strikingly designed with mist gray shafts wrapped in black over silver mylar. For details on the CL-12 Rod Series write: Cortland Line Co., P.O. Box 1362, Cortland, N.Y. 13045.

HAMPTONS SHIPYARDS DEVELOPS NEW 28' SEA SKIFF

The Hamptons Shipyards, Inc. of East Quogue, New York, builders of the Columbia Sport Cruisers has developed a new 28' Sea Skiff incorporating today's design technology with respect for yesterday's tradition.

The heritage of the Sea Skiff design began in the early 1920s at Freeport Point Shipyard where Fred Sr. and Mike Scopinich developed and produced large 40 foot sea skiffs powered by 450 h.p. Liberty engines for the Long Island watermen who believed that the American public should not be dry during the Golden Years. Freeport Point Shipyard was one of the leading boat builders and designers in the northeast until their retirement in 1968.

Between 1956 and 1969 Fred Scopinich, Jr. had been building the wood Columbia family cruiser and sport fisherman. In 1970 the yard converted to fiberglass and the Columbia II fiberglass sport cruiser and sport fisherman were constructed. This past summer Fred developed a new 28' Sea Skiff incorporating concepts in demand for the 80s.

The skiff is a smooth round bottom design with long straight buttock lines for maximum speed and minimum water disturbance. A deep hollow keel will give excellent directional tracking and full propeller protection and the hull sides are fiberglass lapstraked or "clinker" in the sea skiff tradition.

The trunk, hardtop, and gunnel decks are moulded from a one-piece mold to eliminate all joints and seams.

The layout features V-berths forward in a full headroom trunk cabin that has a stand-up enclosed head to port and a galley to starboard. The 16' cockpit is 10" above the waterline and self-bailing and is 26" deep to the gunnels.

Standard fuel capacity is 100 gal. with 150 as optional and fuel loading is in the center of the boat to eliminate unbalanced loading. This also allows room for a deep fish well or live bait well in the aft portion of the cockpit. Gasoline power is standard and diesel options are available.

An entirely new feature for 28' boats is the SHARK TOWER with controls. This is an aluminum fabrication comparable to a swordfish mast of "the old days" that fastens to the aft portion of the moulded hardtop. Access steps are on the aft side of the tower. A 35 inch high rail with stanchions to the hardtop protects the operator.

SIT BACK, RELAX WITH COLEMAN MARINE'S EASY SEAT

A long day of paddling or fishing from a canoe, can be a pain in the back, but not any more thanks to the new Easy Seat accessory from Coleman Marine.

The Easy Seat is a molded seat back made of tough polypropylene that simply slips over the seats in the Coleman canoes, Scanoe or Crawdad. It's lightweight and folds up for easy storage.

The seat lets you rest during extended periods of paddling or fishing. When you feel you need a break, just lean back and relax.

The Easy Seat can also be used as a seat back for stadium bleachers and a convenient carrying handle lets you take it with you anywhere.

For more information on this and other Coleman Marine accessories, contact Coleman Marine, 250 N. St. Francis, Wichita, Kansas 67201.

DAIWA MAKES GRAPHITE RODS AFFORDABLE

Daiwa gladdened the hearts of anglers everywhere recently by announcing a new graphite-composite fishing rod that will sell for the same as a popular priced tubular fiberglass rod.

They call the 35 new baitcasting, spinning, spincast and fly rods the **Regal Strike Series.** These remarkable rods incorporate a secret manufacturing process that very evenly distributes the unidirectional graphite fibers around the rod shaft. This is the same process Daiwa uses in their higher priced boron and graphite rods for freshwater and saltwater fishing.

The resulting rods from this process achieve an excellent balance between backbone, sensitivity, strength and casting qualities, yet all at a price that won't gobble up a thirty-dollar bill—graphite-composite fishing rods for everyone, at a price virtually anyone can afford.

Factory tests of the Regal Strike rods indicate they are mighty tough and durable. But "tough" isn't everything when it comes to developing a good fishing rod. It should also cast well, feel good in the hand, have the sensitivity to detect fish that bite lightly, and have the backbone to move a hooked fish toward the net.

The new Regal Strike Series rods will ultimately retail at about half the price of custom-grade graphite rods. That's about the same price as a good quality tubular fiberglass rod.

It's our feeling that there will be a lot of anglers who will have a hard time telling the difference between the smart-looking Regal Strike rods and higher-priced graphites. It seems that Daiwa has found another way to make fishable tackle more affordable.

For further information, write Dept. PK-82, Daiwa Corporation, 14011 S. Normandie Ave., Gardena, CA 90249.

REGENCY INTRODUCES KEYBOARD ENTRY HAND-HELD MARINE TRANSCEIVER

Regency Electronics has announced the introduction of the Polaris MT 1000, a keyboard entry, all channel, hand-held marine transceiver.

Features of the MT 1000 include: all U.S. and International channels, three receiver scan modes, ten weather channels, programmable priority with dual answer modes, direct channel 16 access, plus keyboard and transmitter disable locks.

A unique night lighted LCD display offers 15 separate message prompts to aid in operation. The unit's "call waiting" feature alerts you that a call is being received on a priority channel through a series of beeps—all without interrupting a conversation.

With wall charger, carry case, belt clip, flex antenna and nicad battery the unit will retail for $549. A rugged die cast aluminum case ensures that the MT 1000 will provide durable performance far into the future. For more information contact: Regency Electronics, Inc., 7707 Records St., Indianapolis, Indiana 46226.

SHAKESPEARE ALPHA RODS AND REELS HIGH QUALITY AT DOWN TO EARTH PRICES

Shakespeare's Alpha series rods and reels give the fisherman professional fishability at down-to-earth prices. Alpha 2100 spinning reels in silver match perfectly with the blue-trimmed silver and gray Alpha series rods.

Alpha series rods and reels incorporate many of the features found in Shakespeare's most expensive equipment. Spinning reels feature Selective Internal Trip, stainless steel ball bearings, super fast gear ratio and reversible handles for left and right hand retrieves. Ferrule-less construction gives Alpha rods continuous butt-to-tip sensitivity. Add in a good supply of Shakespeare's new Sigma monofilament line with its high tensile strength and low coil set (memory) and the fisherman can fish like a pro.

Four spinning, one spin cast, one bait cast, one fly and four big water spinning rods comprise the Alpha series. The three spinning reels currently in the series will be expanded to include spin cast, bait cast and fly reels.

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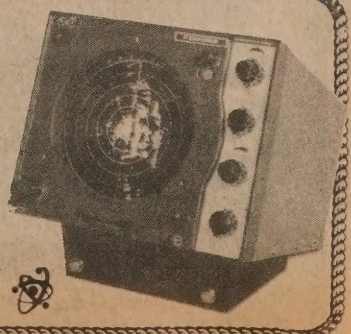

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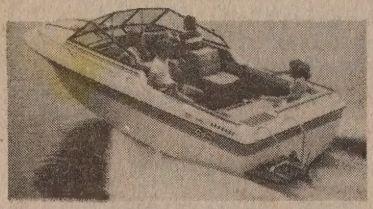

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THE CAPTAIN'S TABLE:

HINTS ON COOKING

by Eileen Regina

Here are some handy hints on preparing and cooking fish:

Handling: If you chill hands thoroughly in ice water before handling raw fish, the odor won't cling to your fingers.

Cleaning: Use a thin, flexible knife to skin raw fish. Start from the tail and work toward the head, holding the blade parallel to the table or counter. Cut with a sawing motion.

To remove skin quickly from frozen fish, take it from the freezer and hold it under hot running water for a few seconds. You should be able to remove the skin as if you were peeling a banana.

A toothbrush is perfect for cleaning around the bones of fish you do not plan to fillet.

To find hidden bones in uncooked fish, run your fingers from head to tail. You will be able to feel those unseen bones, then it becomes a simple task merely to remove those bones with an eyebrow tweezer.

Marinating: Try basting fish with white wine instead of butter. The wine helps to eliminate fishy odors while cooking.

Remove some of the saltiness from salted fish by adding a glass of vinegar to the water in which the fish is soaking.

Breading: For a tangy change of taste, dip fish fillets in a saucepan filled with French dressing, then roll each fillet in crushed crackers or cornflake crumbs before cooking.

Be sure to coat fish (or any other fried food) thoroughly with bread crumbs or whatever type of covering you are using. Bare spots allow fat to get between the breading and the skin, and the coating will not stick to the fish if this happens.

Cooking: Fish should be cooked just long enough to firm up the protein and bring out the flavor. To estimate cooking time, measure fish at the thickest part. Allow 20 minutes for each inch of thickness when using a conventional oven. We were under the belief that a similar rule of thumb worked out by the Dept. of Fisheries of Canada a few years ago covered every fish in every case, but it is not so. The Canadians call for 10 minutes per inch of thickness at the thickest part, but actual use proves that you need twice that time, or 20 minutes per inch.

To tell if fish is thoroughly cooked, stick a fork into the thickest part and lift gently. The flesh should come away in thick layers or flakes and should be milky-colored throughout.

When baking fish, preheat your oven at 425° to 450°. If it is to be baked in a liquid like wine or stock, heat the liquid before pouring it over the fish. If you bake it in foil (really a form of poaching, but never mind), add five to ten minutes to the TOTAL cooking time for the heat to penetrate the foil.

Baked Stuffed Fish

Use any fish you like, any size you want; no definite amounts go with a recipe like this because they depend on the size of your fish, and every fish will be different. Use my measurements as a rough guide. Here's a good all-purpose fish stuffing, but you can use anything you like, from the sort of bread stuffing served with turkey to a mix of chopped onions, tomatoes, zucchini and garlic. It never has to be the same stuffing twice.

Ingredients:

1/2 cup chopped onion
4 tbs. butter
1/2 cup mushrooms
2 cups dry bread crumbs
1 tbs. tarragon or dill
1 tsp. grated lemon rind
Dry white wine or fish stock
1 whole fish
thin sliced bacon

Saute the onion in the butter for about 5 min. or until soft. Add mushrooms and cook until they release their juices, about 10 min. Turn off the heat and mix in the crumbs, herbs, and lemon rind; if stuffing seems too dry, add wine or stock until satisfied.

Gut and gill the fish. Stuff fish and lay it on its side in a buttered baking dish. Measure its depth at the thickest point. Lay bacon strips on top of fish, not to wrap it but just to add flavor and a little moisture. Put dish in preheated oven (425°) and cook for prescribed 10 minutes per inch of depth. If the fish was big and went 12 inches across at that widest point, then cook the darn thing for 2 hours—10 min. per inch of depth times 12 inches = 120 minutes or two hours! Garnish with parsley sprigs and bring it to the table at once. Serve it piping hot, and give them a break and throw in some biscuits, perhaps fresh corn on the cob, some petits pois peas, and some slightly chilled California Chablis. And let us know how you like your new freedom, at least that which we grant you now at the stove!

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Finishes & Replacement Hooks

Q. I have been making my own bucktails for the last two years and have used many different finishes to coat the lead heads with paint, both for color and to protect the windings that secure the bucktail hairs. The lures I have made have been serviceable, but I'm not totally happy with the results.

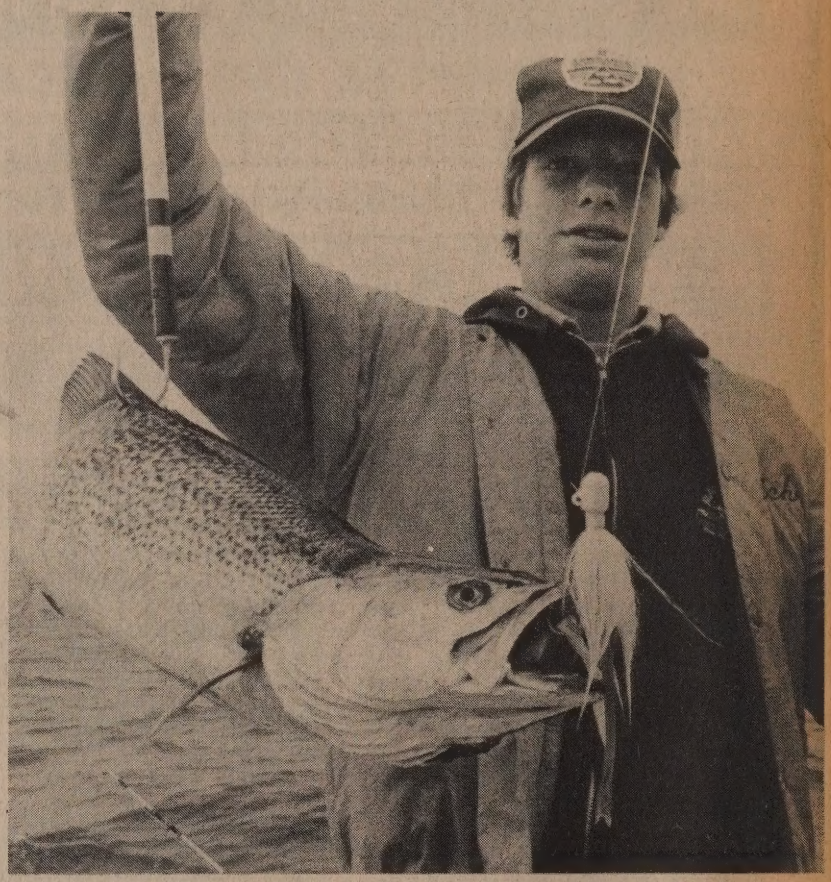
What do you guys use as a durable and easy to apply finish to keep the windings protected? Remember the finish must be able to withstand the dissolving powers of rubber worms, like the jelly worms I use for weaks.

Robert McLean

A. Over the years we have experimented with many protective finishes for bucktails; some working well, while others offered a poor finish. To save time, many home basement bucktailers tie the hair on first, before applying any finish to the head. After the windings are secured with a whip finish or a cinch knot, the entire bucktail head is dipped into a jar or can of paint right up to, and including the thread windings. When the finish is dry the windings are sealed under the paint.

Other fishermen want a fancier paint job so they apply the paint by dipping, spraying or brushing the head before the bucktail and threads are in place. The threads can then be secured with a coat or two of clear nail polish to finish the job.

Our favorite way to protect both the painted finish of the bucktail head and the thread wrap is to apply a single coat of epoxy rod finish to the bucktail. You can dip the entire doodlebug into the paint finish or apply the threads after the head is painted, but the final coat should be a clear epoxy to prevent the threads from unraveling and the painted head from chipping.



Bucktails with a clear eopxy coating over paint and threads last longer.

Q. I want to replace many of my Hopkins, Kastmaster and Ultimus lures with single hooks to allow me to remove bluefish from the lures as fast as possible. I fish strictly the surf and had some great fishing with small blues to three pounds last year. Although I wanted to throw many of them back, the treble hooks just tore up their mouths so badly they probably couldn't have lived if released.

Roger DeCanio

A. There are two hook styles that you can use, depending on your preference. The closest hook to the factory installed hooks as used by many manufacturers when they place a single hook on a squid type lure or a diamond jig is the O'Shaughnessy Mustad #34091. This hook has an open ring eye so it can easily be placed on the lure with a pliers to close the eye.

The second hook is the Siwash style, usually sold in stainless steel, Mustad #95141. It, too, has an open ring eye. This is a favorite replacement hook for diamond jig fishermen.

For more freedom of hook movement, install a split ring or barrel swivel at the tail end of the lure, then attach the hook. The free swinging hook gives a bluefish little chance to gain leverage as he twists and turns to throw the hook or pull free of the lure.

Both hooks are available in a wide range of sizes from 1/0 to 10/0 and are available at most tackle shops or fishing tackle mail order outlets. If you plan to modify several lures we suggest you order a box of 100 to save money and to be sure you have enough hooks on hand.

The Siwash hook makes a good tail hook when placed on plugs like the Atom Jr., Danny and also on pencil poppers and flat faced poppers. It can't hurt to have a supply on hand in your beach buggy or fishing vehicle. They come in handy many times during a season.

Q. I've been using gold Eagle Claw style hooks for chumming bonito and blues but have read in *The Fisherman* about small tuna hooks as being better. Can you tell me the style number and why they are supposedly better?

David Bruzakas

A. The style is #118 in the Eagle Claw brand and #94150 for Mustad. Both hooks are bronzed in finish and virtually disappear in the water. Bonito can be decidedly shy of shiny hooks and bulky leaders. You will get more hook-ups using light lines and small bronzed hooks. Sizes #2 and #1 are best.

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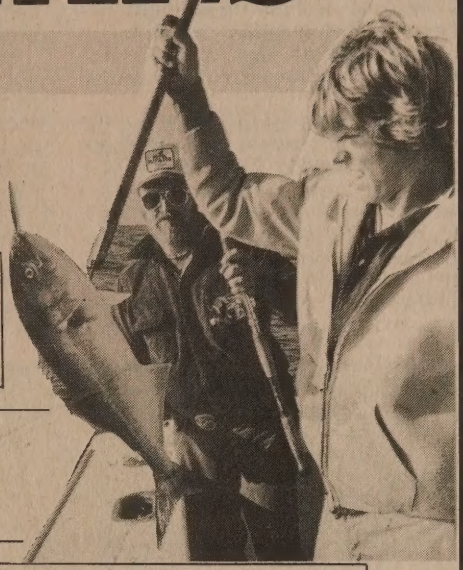

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THE JETTY STICK

by Kevin Bogan

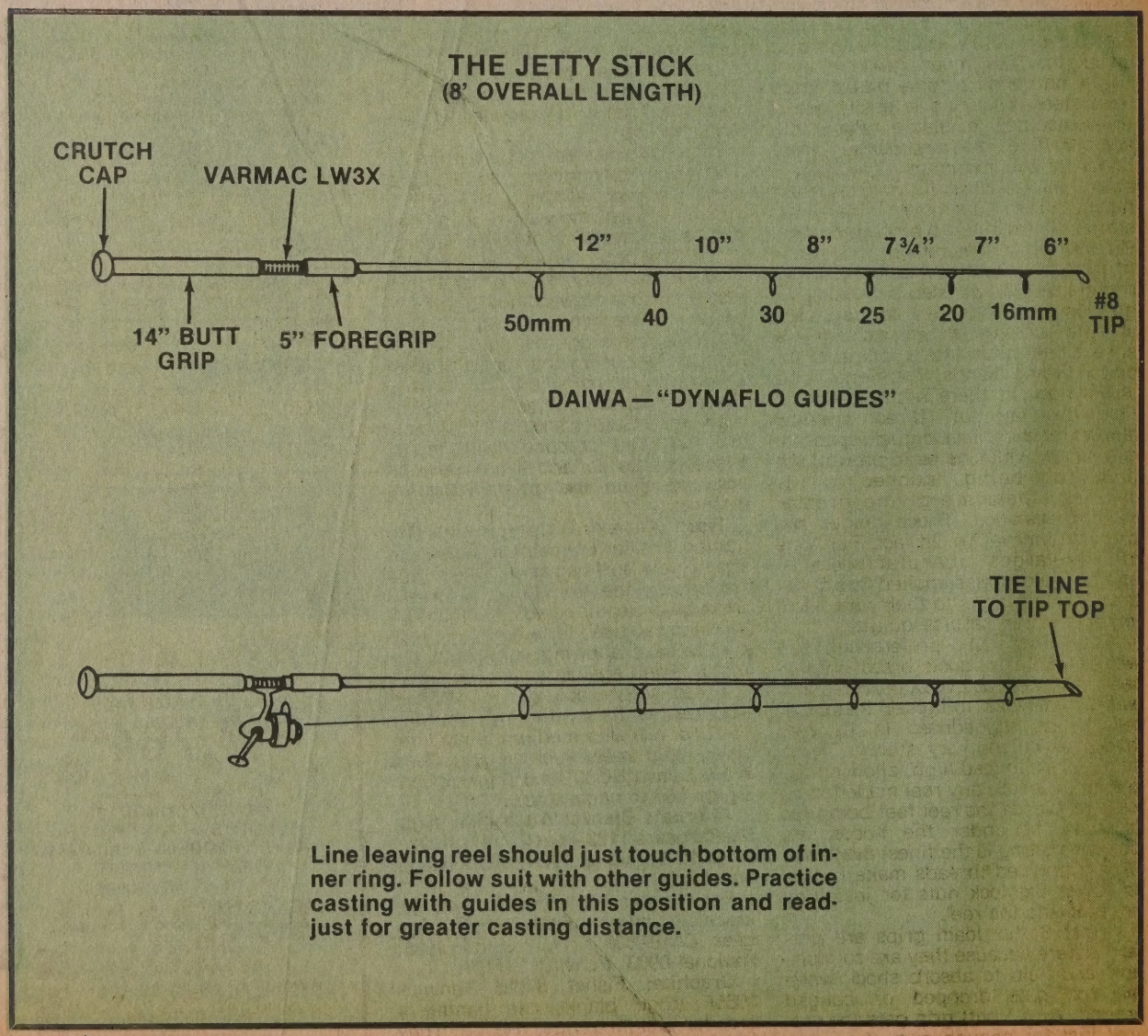
Jetty fishermen know well the importance of a multi function rod. Casting a variety of weights ranging from light bucktails and surface lures to the heavyweight rigged and live baits. Light tip action is helpful in detecting telltale raps on your line indicating the presence of a weakfish or fluke.

The most popular species along the coast to jetty anglers are no doubt blues and striped bass. Swimming plugs, tin lures, bucktails, poppers and tiger tail style lures all work well, but live-liners looking to heave an eel or light herring are going to need plenty of backbone.

When a bluefish hits a Hopkins metal on fast retrieve it's important to follow through with the action to make a positive hook set. You have to really lay into him. A sturdy mid-section is necessary here.

It's not often that a big striped bass comes along chasing your live eel. They are **few** and **far** between. When that big one comes cruising by and then off with your 75 cents eel don't let him have a free lunch. Their jaws are tough, requiring very strong hook setting power. The butt end of the rod plays a big role here. Without plenty of guts in a rod the fight just may last a few minutes with the striper going elsewhere for desert.

Blank: Fortunately there are a lot of blanks to fit most of the situations, but few will cover the wide weight range well. The Fisher #950 presents itself as the "Jack of All Trades." Its light #8 tip provides ideal swimming action for lures. It has a medium-fast taper designed to put feel into your arms while casting, with a butt end that has the guts to set a hook in the biggest fish. This blank also has **plenty** of wall thickness which should draw the interest of those who are tough on their rods. There are times when a fisherman can give a rod some real abuse when trying to shift around the rocks for good gaffing position. Keeping himself from getting hurt in a fall is no doubt his priority. Thus the equipment gets dropped and banged around. The rod measures 8 feet overall and is not too cumbersome to



move around with, and not too short to rob you of casting distance.

Guides: Modern day ceramic guides are fine on most rods, but they are likely to break if smashed against a **non-giving** rock on a jetty. A broken oxide or ceramic guide has very sharp edges on it after a break that would cut your line to shreds. This broken guide would make the rod unfishable. Most jetty fisherman have chosen the **ultra rugged** stainless steel wire framed guides for this reason. They can take the hard knocks and abuse found frequently in this type of fishing. These style guides teamed up with a good quality aluminum oxide tip would be my first choice on a rod of this type.

Fortunately for rod builders, manufacturers are looking for new ideas to help your every need. Much credit should be passed to Daiwa for the design of their new Dynaflow guides. Their performance for casting, ruggedness, and fishability go unmatched for a jetty style rod.

Let's take a close look. Dynaflo guides are made from a non-corrosive, sheet metal frame that is **double** center braced without sacrificing strength. The inner guide ring is triple hardened chrome plated stainless steel. This ring is easily one of the smoothest available today, thus keeping line wear and casting resistance to the minimum. The ring is also bonded directly to the frame itself (direct bonding). There are some important advantages here. Greater heat dissipation to prevent fraying. It's doubtful that in the life of the guide you will see a cracking or grooving problem due to its strong chrome plating. If you accidentally smash the guide into a rock and the outer frame bends, the inner ring stays right in there allowing you to fish the day out. Direct bonding allows for wider inside guide space, or clearance, which helps to prevent the line from being "choked" while casting, therefore giving greater casting distance. These guides are truly an innovation. In fact, Fuji, one of the largest manufacturers of quality guides, has applied this direct bonding technique to their new hardloy and silicon carbide guides.

Real Seat: My preference here would be for a good brass chrome seat. The Varmac LW3X provides thin walls in its shaft to lighten it up, but retains its ruggedness in its reel hoods which are very sturdy. These hoods are stamped high, allowing the angler to choose any reel made today, without fear of the reel feet being too large to fit under the hoods. Its chrome plating is the finest available. Nicely rounded threads make it easy to adjust the lock nuts for installing or removing the reel.

Grips: Softer foam grips are preferred here because they are comfortable and help to absorb shock when the rod gets dropped or banged around. A 14" butt grip gets the reel seat just far enough away from the butt to provide a wide hand spread for distance casting. Some guys like a shorter 10-12 inch butt grip, keeping their arms closer together for pinpoint casting accuracy. I once built a 10 foot graphite surf rod for Hank, one of the local pros, with a 10 inch cork handle. I thought it was too short a butt grip. However, he can cast incredible distances with this rod, with a variety of light plugs or heavy metals. Go for what makes you comfortable.

A 5 inch foregrip is all that is necessary here. Unlike a conventional stick, where a large foregrip may be needed to shift hand placement for different leverage, a jetty spin rod requires one hand on the reel seat, and the other on the reel handle. The foregrip is rarely used.

If you like cork grips which are very light, comfortable, and not slippery when wet, be my guest. Take caution here, because cork can chip and break if abused, and it is also a time consuming project to mount onto a rod.

Guide Spacing: We have mentioned earlier that casting plays a major role in a good jetty rod. Proper guide spacing is the key for optimum performance here. There are two elements that give us the most problems in obtaining good casting distance. That is: lateral line slap, and line choking.

"Lateral line slap" occurs when the first guide (gathering guide) is too far from the reel, allowing the line to "slap" against the length of the rod. This is bad news for distance casting.

Choking occurs when the gathering guide is too close to the reel, thus restricting the outward flow of the line known as the "cone of flight." Line leaves a spinning reel in a conical fashion. Reducing the cone too close to the reel robs us of casting distance. (Space guides according to drawings.) Guides should be taped to the rod, and practice casts made. Move guides to and from position until you gain the greatest casting distance.

Tips: An extra tiptop, cigarette lighter, and ferrule cement should be kept in your surf bag at all times. Tips are usually the first thing to break, and a quick repair could save the day. A crutch cap used for a butt cap gives a wide base allowing comfort if the rod is rested against your body.

These jetty rods or blanks are designed to fish with lines ranging 15-25 lb. test with medium to medium heavy spin reels such as the Penn #650, Daiwa BG30, and Shakespeare Sigma 060 to name a few.

Alternate Blanks: Australian #598; Shakespeare 1123—cut 2" off tip, 22" off butt; Lamiglas WBT 963E (super power); Dynaflex 0904.

For lighter duty work 1-3 oz. (bucktails, plugs, metals, etc.)—Lamiglas CMB963M; Harrington #536; National 0903; Fenwick LB966.

Graphite: Fisher 8708, Fenwick 1085F (their blanks can handle a broader weight range, 1-6 oz. They are 9' overall. Cut from butt end to achieve desired length.)

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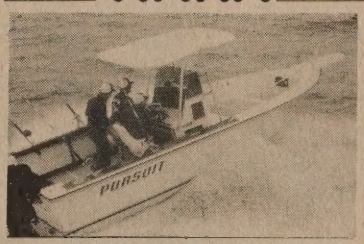

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FLOUNDER TIPS

by Pete Barrett

"Put more flounder in your cooler with these simple methods."

It can be truly amazing how so few simple tips can make or break a flounder fishing trip. Like all types of fishing, there are some special things that the best flounder fishermen do to make the large catches of flatties you hear about back at the tackle shop. Despite the fact that many of these tips are well known, many anglers do not use them or perhaps don't feel they really make much difference. The proof is in the cooler at the end of the day.

Chumming: More effective in the spring than the fall, chumming can make a big difference. Many flounder specialists use two chum pots—one at the bow and another at the stern to maximize the fish drawing potential.

The best chum is crushed mussels and/or clams. Right behind is bunker chum logs, cat food and canned corn and peas. I've never bothered much with the canned corn approach, but last spring we did watch a flounder man at the head of the Bay using corn and he sure caught more than anyone else did that day.

Make sure your chum pot is resting on the bottom, not just tied off so it holds about several feet off the bottom. Shake it every so often to dislodge more chum and to stir up the bottom.

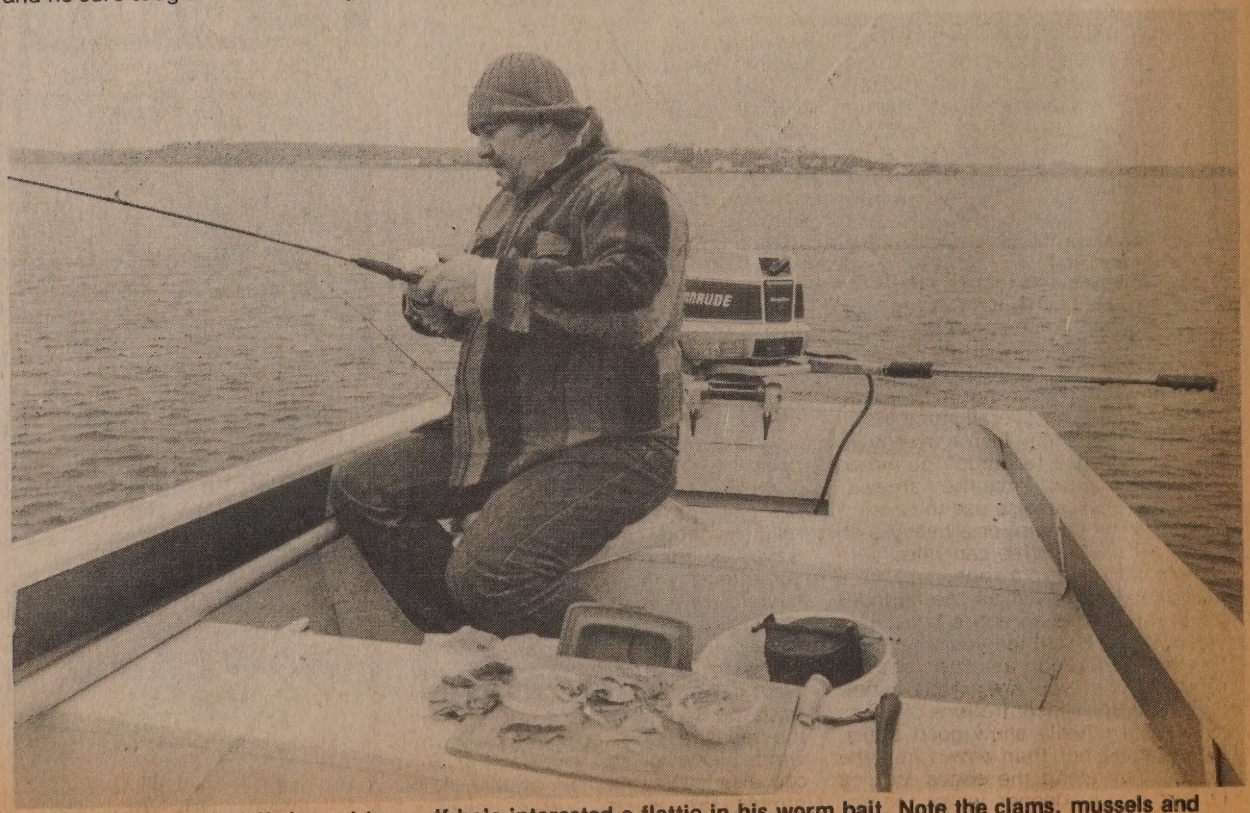
Baits: Among the best baits are blood and sand worms, clams, mussels and corn. The most used baits are the worms, while clams and mussels are less used because they are harder to get. In my opinion, mussels are the top bait, yet I use sands and bloods 99% of the time. Clams can be tough, but make good baits if you use the handle of your knife to beat them so they soften. The lips are the best part of the clam for baits; use the rest for chum either in the chum pot or by cutting the clams into tiny pieces and occasionally tossing a few small chunks into the water around the boat.

Flounder Rigs: The two hook flounder rig is almost standard. The diagram shows one way to tie it, or you can purchase ready made rigs from any tackle shop. Spreader rigs are almost disappearing from use, but you still see some flounder fishermen using the old rig—and it does catch fish. However, the trend is towards simpler rigs with less hardware.

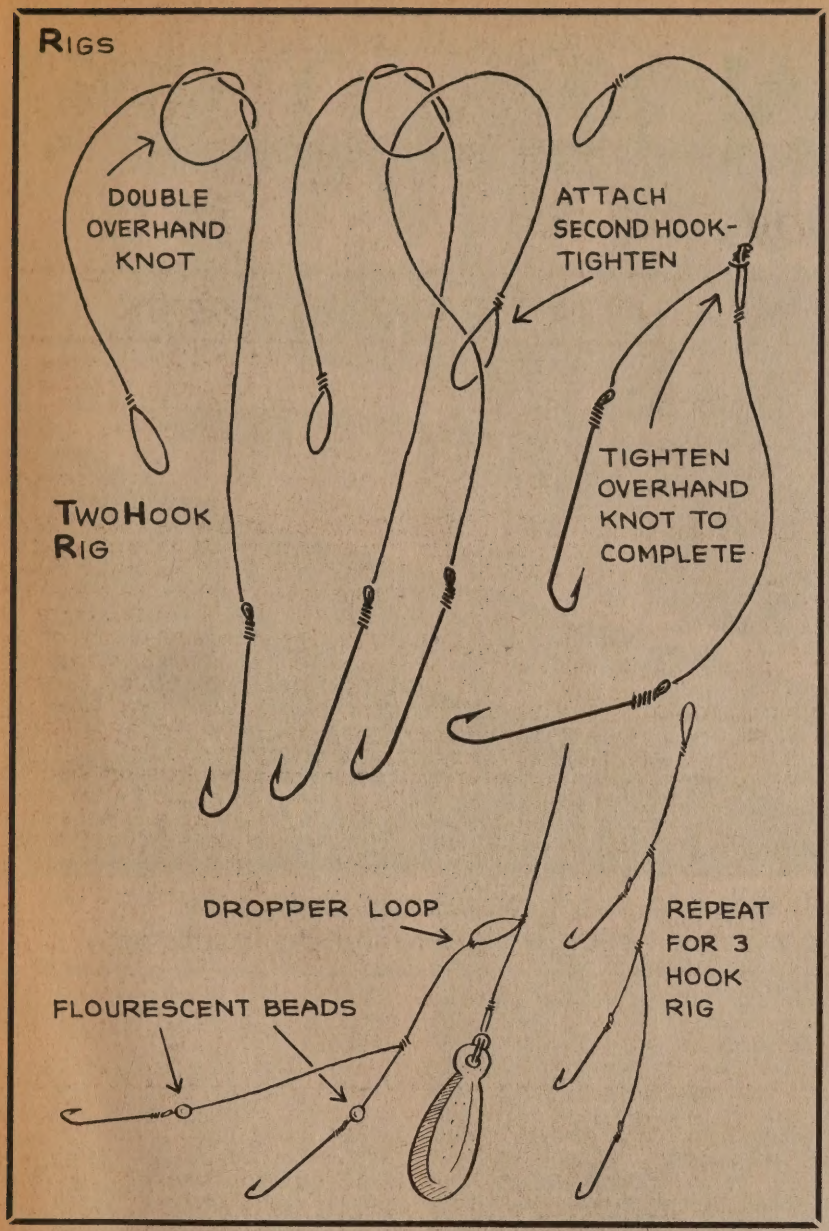
To Bead or Not to Bead: Many flounder fishermen prefer rigs with a small red, pearl, yellow or orange bead sliding free on the leader just ahead of the hook. Others say it makes no difference or that it can spook the fish. I carry both types of rigs: beaded and unbeaded. For some unexplained reason there have been some days when the beads made a good difference.

Double Anchor: Perhaps the most overlooked technique by the casual flounder fisherman. A pair of anchors will keep the boat steady so it doesn't swing with the wind and tide. A swinging boat will drag your rigs and baits in the mud and hurt your chances of success.

Plumber's Helper: A plumber's



Russ Wilson "feels" the rod to see if he's interested a flattie in his worm bait. Note the clams, mussels and worms on the seat.



helper attached to a longer handle can be a big asset. Use it to stir up the bottom occasionally, freeing small worms, shrimp and other flounder appetizers. The stirred up bottom adds to your chum slick and sometimes adds to the overall numbers of fish you can catch. Don't overdo it, though, because too much pounding on the bottom can force the fish away from you. You can also use the anchor to stir up the bottom, or a heavy sash weight. I use a coffee can filled with cement attached to a rope.

Where to go: To list all the flounder holes would take an entire book. Our weekly reports will tell you where the fishing is good as the season progresses. If you are trying a new area, look for concentrations of boats which will usually show good spots. However, rather than crowd into the group, stay along the edges looking for drops into deeper water, or the edges of the channel. Many small boaters are using electronic flashers to indicate water depth making the holes and channel edges easier to find.

As a general rule, as the tide comes in, the fish will move from the holes to the shallow water around it and retreat as the tide falls. Or they move up the channels on the incoming, and down the channel on the outgoing.

Stick it out if you are in a deeper hole, but catching no fish. Flounder tend to move through an area in waves as they move with the tide. Sometimes you have to wait a half hour to try a spot on for size before moving.

Take into account the direction of the wind. A strong north wind can empty the north parts of bays and push the flounder to south sides. Just the opposite can happen with a south wind. Likewise, east and west winds can also move the fish as the wind moves the warm water pockets pushing them around with the tide.

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LORAN FOR SMALL CRAFT

by Ray Hendrickson

Shrinking in both size and price, loran units are rapidly becoming standard equipment aboard inshore fishing machines

You don't need a 40-footer to want to know where that hotspot is offshore of Fire Island. Nor are twin staterooms and a tuna tower requisites for wanting to know the course back to Shinnecock when the gray stuff boils in with the tide. **Every** fisherman out there wants to know where the wrecks are, and where he **really** is after a day of hectic trolling.

Loran is the offshore angler's Rosetta Stone, the key to deciphering one's precise location regardless of weather and time of day. Nor is it any less valuable when anchoring over a favored weakfish hole in Peconic when mist obscures the antenna lights generally used for ranges. Fortunately, as with most electronic marvels, Loran prices are dropping as the market approaches saturation. To further spice the pot, technology is concentrating upon miniaturization.

The major breakthroughs have been accomplished. Now, the name of the game is "make it small," an obvious, and welcome, thrust to sweep small boat skippers into the market. And it's working in two ways. Those willing to pay the going price for new models can fit them into any space that will accept a VHF radio. Raytheon's Raynav 750 is just one such set: full function, including Lat/Lon and 50 way points. Si-Tex/Koden's Model 787 is no larger than a CB radio stood on end, and has seven way points. Their more expensive 787C includes Lat/Lon.

The second advantage isn't doing the manufacturers a heck of a lot of good, but it's a boon to small boat owners with a tight budget coupled with a bit more available space in their boats. Secondhand sets are flooding the market. Larger sets made obsolete by miniaturization and added functions are on dealers' shelves as trade-ins. Many more sets are available directly from the owners through word-of-mouth and classified advertising. Admittedly, there will be price reductions down the line as smaller models become the norm and engineering costs are amortized—but one could wait forever working on that premise. If you want a Loran on the boat, the time is right.

If you find a set with the "right" price, but lacking most of the features beyond basic Loran performance, think twice before passing it up. All the latest features are convenient, but offer little that can't be determined with a few simple machinations performed with chart and pencil. Those TD's (time delays) in the window are the important thing. As long as you're getting an accurate set of numbers you know your exact location. Everything else can be calculated, when required, as needed. We'll look into this a little later, but first, let's get the set properly installed.

Like radios, Loran receivers are not weatherproof—at least not any that I've seen. Granted, some sets use sealed touch pads instead of keyboards, but I still wouldn't care to see them soaked. Certainly, the older models with a covey of dials on the front panel are environmentally sealed. Unlike a radio, a Loran set must be highly visual. You can mount a radio totally out of sight and reach around corners to change channels or tweak the squelch. Only the mic need be immediately accessible, and even it can be clipped where it isn't visible.

If you can't see the Loran readout with a quick glance, much of its utility is lost. This may not be as crucial with simple receivers that offer nothing more than TD's, but multi-function receivers offer so much information that the helmsman is almost continually scanning the readout. Time-to-go, speed-over-the-bottom, cross-track error and distance-to-go are all useful—provided they're instantly readable. When threading a channel or inlet in the fog, even the primary TD readout of basic receivers is useful only if immediately available.

Further complicating installation requirements, multi-function sets must be installed with their keyboards

accessible without resorting to manual gymnastics. Ideally, a Loran receiver should be located where the skipper's eyes can scan the readout while barely losing sight of the compass card and his view over the bow. Some boats are accommodating. Others tax one's ingenuity.

The larger center consoles generally sport sufficient electronics enclosures to meet requirements. Those with overhead equipment bays are virtually sure to eliminate locational problems. If there's a hardtop over the helm the Loran generally installs very nicely hugging the overhead, or it can be mounted upon the shelf abaft the windshield, provided it's sufficiently deep—and provided it's not subject to cross-windspray when the side curtains are rolled up. But there's scarcely a boat that can't accommodate a Loran with the help of hammer and saw.

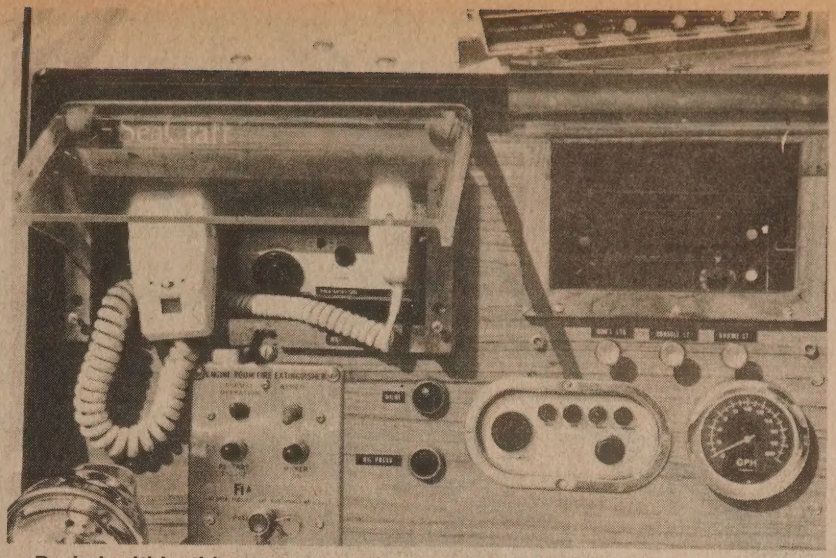
If an adequate compartment does not already exist in the console, it may be quite possible to cut one in and frame it with a few strips of teak. Protection from the elements, not only for the Loran, but for everything else exposed by the opening, can be provided by a cover. The simplest means is to add a flap of clear, thick, vinyl. Secure it with a strip of teak screwed to the console face and two snaps or Dot® fasteners in the lower corners. In fair weather it can be rolled upward and secured with an additional set of mating fasteners located above the opening. Another means is to build a hinged Plexiglass cover. It can be propped open in clear weather (with a self-contained, pivoting leg.) Like the vinyl flap, the cover can be dropped in snotty weather and the readout is still visible. Keyboard manipulation is slightly impaired with either cover hanging down, but we can't always have everything.

The console needn't necessarily be axed. Adding a box atop the console frequently offers maximum protection commensurate with visibility and accessibility. Formica-over-plywood is a common choice of construction, and of course there's always teak. (The best part of teak is that there isn't any finishing required to assure its longevity.) Although modern Lorans generate scant heat that has to be dissipated, any custom-built enclosure should be adequately ventilated to deter damage from condensation.

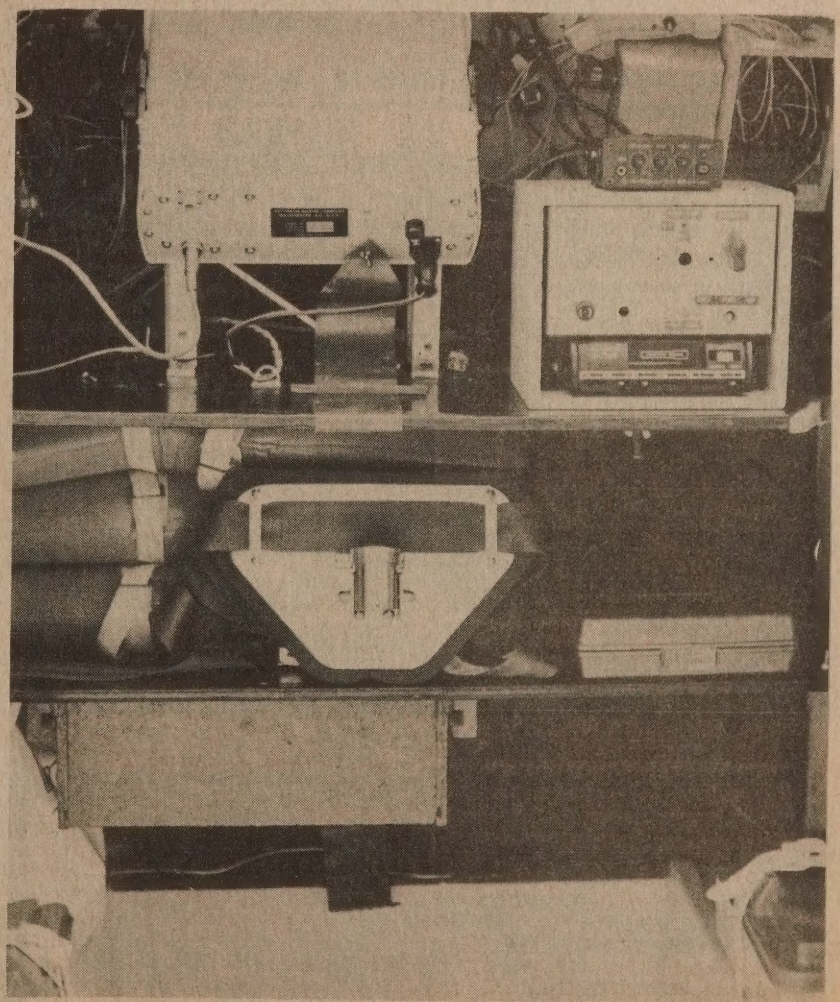
Wiring a Loran into the boat's electrical system is no more difficult than installing a radio, but although the mechanics are similar there's a bit more required. The power source and bonding can be critical. Some dealers will argue that bonding isn't really required, and does nothing to improve performance, but every once in awhile an installation pops up that's nothing but headaches until the manufacturer's bonding recommendations are followed.

Bonding is not grounding in the normal electrical sense. Bonding con-

(Continued on next page.)



Buried within this center console, yet visually in line with the depth recorder, compass and the course ahead, this Loran is completely protected from weather and spray. The roll-up, clear vinyl cover completes the weather seal when required. The receiver could also be mounted similarly to the adjacent radios, protected by a hinged transparent cover.



A view from the forward side of the same console. The Loran is supported upon a bracket customized to position it for optimum line of sight. The copper-flashing bonding strap connects to the receiver just to the right of center. Also, the twisted power cables are evident immediately to the left of the strap.

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ductors are installed to control RFI (radio frequency interference)—not electrical current. Therefore, it's not wire size that's important, but surface area. A #10 wire does a fair bonding job, but a two inch strip of copper flashing offers appreciably more surface area. The strap should run from the bonding terminal on the receiver to the grounding zinc on the hull, stern drive, or whatever. Additionally, to get the most from it, the bond should connect all appreciable metal masses on the boat: tanks, engine, torpedo tubes—whatever. If all this sounds too complicated, ignore it for now—but keep it in mind if the set simply refuses to perform as advertised.

The correct power source is best adhered to during initial installation. It's the battery. Not the power bus behind the console, but the battery itself. Why? Because Lorans are voltage sensitive. Drop the power below a critical threshold and the readout goes bonkers—or disappears completely. If your set boasts continual memory backed up by an internal battery, you'd best have everything written down for future reference if the voltage drops. The internal battery powers the memory **only** if the main on-off switch is flipped. It can't retain the memory if the voltage drop is external to the set.

Where is the drop likely to come from? The starter, particularly on inboard powered boats. If the engine starter sucks too much power while the Loran is on—it's off! Connecting the Loran directly to the battery with adequate wire (don't skimp, use #12) assures that everything the starter leaves in the battery can get to the Loran. Actually, most boats using Loran carry twin batteries, at least they should, considering the usual offshore environs. Even if you're only fishing hotspots in the bay, twin batteries abrogates any problem with insufficient voltage.

Add a second selector switch (it need only be a quality double-pole, double-throw toggle switch), and connect the Loran's power feed directly to it, running the ground wire directly to the engine block. Whatever battery is powering the boat, switch the Loran to the opposite battery and the starter can suck all its copper-bound heart desires. Incidentally (or not-so), twist the hot and ground wires together, forming a cable feeding the set. It's equal to running shielded wire for screening out engine interference.

Antenna installation is straightforward. Simply locate it as far as possible from other antennas, and mount it reasonably high. Gunwale mounts really aren't sufficient. The coupler (a fairly expensive goodie that comes with the set, and into which the whip antenna screws) is better mounted atop a cabin overhead, or on a short mast secured to a center console. The coupler is fairly heavy, negating any recommendation for a single-point mast attachment. How-

ever, a laydown mount at the base and an additional strap near the top of the console engenders ample support. Treat the coupler with all due respect, for it's an active, integral, part of the Loran circuitry. Most are not repairable, demanding total replacement if damaged; although some, like Raytheon's, are now factory repairable.

Now, about those older sets that offer scant information besides the basic TD's. First, they'll tell you where you are as well as the latest sophisticated models. Cross track error can be picked up this way. Line out your course on the chart and list the TD most parallel to your course for each 25 or 50 microseconds of TD change on the intersecting line. As you cross each of these intersecting increments, compare the receiver's readout of the opposing TD against those you've listed. If your compass course is carrying you off a bit, correct acccordingly. Speed can be checked from basic TD data by doing with a pocket calculator what the newer receivers do internally. Equate TD intersections to distance in nautical miles by comparison to the **latitude** (not the longitude) scale on the chart. Each minute is one nautical mile. If you cover a 60 minute length laid out on your course line in one hour you're doing 60 knots. You're darned near to the canyon—and I'm glad it's not my fuel bill!

Similarly, a cheapie calculator can perform time-to-go and distance-to-the-next-waypoint in rapid order once the mechanics become rote. Actually, most of us run only a handful of offshore courses throughout the season, and a set of course cards with TD intersections periodically listed along each compass course serve adequately for keeping us in the right ocean. I did it for three years before updating my basic Raynav 3000 with a Navtech 1000 computer, and had scant trouble.

What I did miss, without the Lat/Lon capability of the basic Loran, was being able to pinpoint hotspots in the Peconics, where the charts are devoid of Loran lines. I could return to a known spot via recorded TD coordinates, but I couldn't bless a particular spot with numbers without first going there. Latitude and longitude are universal on every marine chart, and with such readouts from the Loran one couldn't care less about Loran lines on the charts.

One final item before the tide changes. Loran is **electronic**. It depends upon myriad components inside the box, **and the transmitters!** Sometimes the signal disappears, usually when you'd most like to have it. Loran is an aid—but it doesn't substitute for knowledgeable seamanship.

But you can't knock its precision and convenience. It will tell you exactly where you are, and precisely where a given spot is in reference to your position. If you put it all together, and the gods cooperate, the fish will be there.

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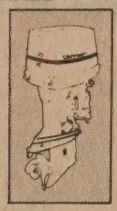

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SALT WATER FLY FISHING:

SAND EEL PATTERN

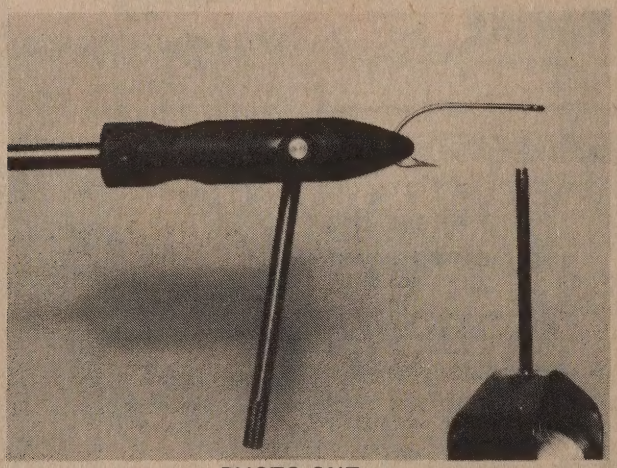
by Don Avondolio

One of the most popular prey of bass, blues and weaks is the sand launce, or sand eel. Fishermen, aware of this fact, often present imitations of this popular bait to achieve success. The sand eel pattern can be described as a long, narrow silhouette ranging from one to six inches long. Top colors vary according to environmental conditions, but generally are brown, blue, or olive. The belly color, as with most baitfish species is white. In addition, a narrow blue stripe is apparent on each side of the body.

My saltwater pattern, tied as an imitator fly, closely resembles the sand eel in coloring and silhouette. This fly can be worked in the salt with six to 12 inch strips, or fished as a dead drift pattern. The fly can then be twitched every 10 seconds or so, creating an enticing action.

Several options are available to the tyer depending on his or her objectives. The material used for wing is FisHair, but bucktail, or polar bear hair dyed the appropriate color will also suffice. My own favorite FisHair colors are #8 - emerald green, #9 - moss green, #16 - squirrel brown, or #17 - natural brown. All are textured 70 denier premium hair. The side stripe, flanking the hook shank is tied as noted, or it could be anchored to wing material by applying adhesive to the rear side of mylar. This procedure will reduce the flare of the mylar strip when working the fly and will somewhat stiffen the body motion as well. The hook shown in the photos is a standard shank, size 2/0, and it can vary according to the length of sand eel required.

Photo One: Wrap several turns of tying thread, size "A" around shank adjacent to hook eye. Cover with head cement.



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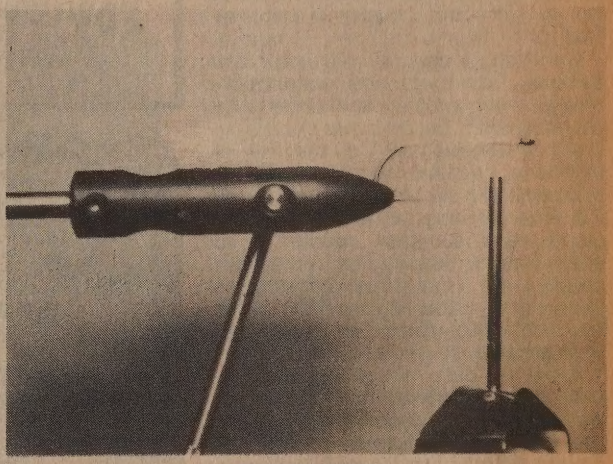

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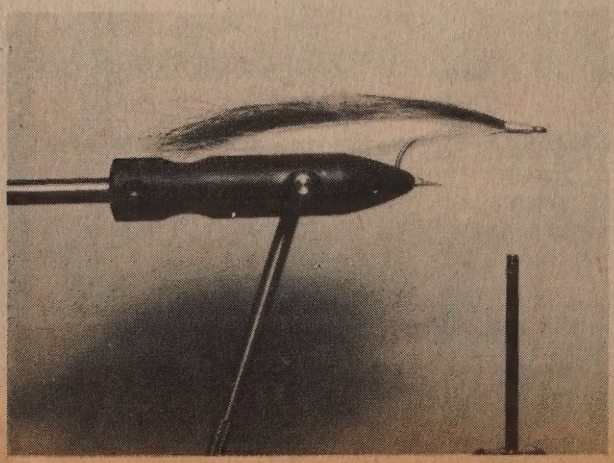

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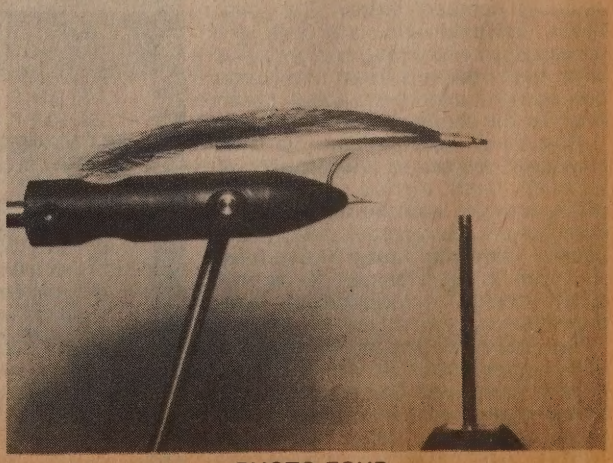


PHOTO FOUR

Photo Two: Cut a slender, tapered amount of FisHair color #00 (Polar Bear White) and place at hook eye. Roll hair somewhat to cover both sides of shank and tie securely. Apply head cement.

Photo Three: Cut a slender, tapered amount of FisHair #9 (Moss Green) and place over white wing. Tie securely and apply head cement.

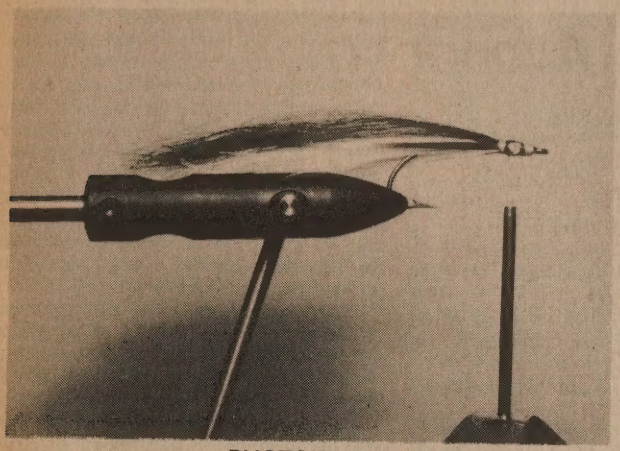
Photo Four: Cut two thin (approx. .09 wide) tapered lengths of blue mylar. The lengths should be approx equal to 3/4 length of wing. Tie each strip at hook eye, one on each side of shank. The strip should lie almost directly adjacent to hook shank.

Photo Five: Form a tapered head by wrapping with thread and whip finish knot. Eyes are an important part of pattern, and can be applied by painting eyes and pupils on each side of head. Cover with clear epoxy, or clear lacquer. Doll eyes may be substituted for painted eyes if preferred.

Photo Six: Finished sand eel pattern (from instructions).

Photo Seven: Sand eel fly wet.

Photo Eight: Sand eel pattern and actual sand eel.



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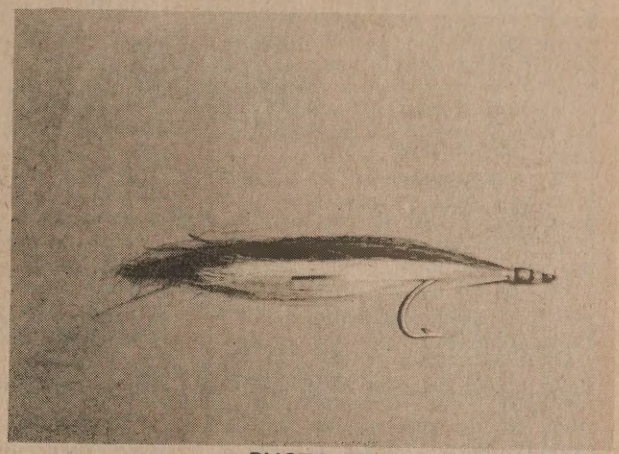

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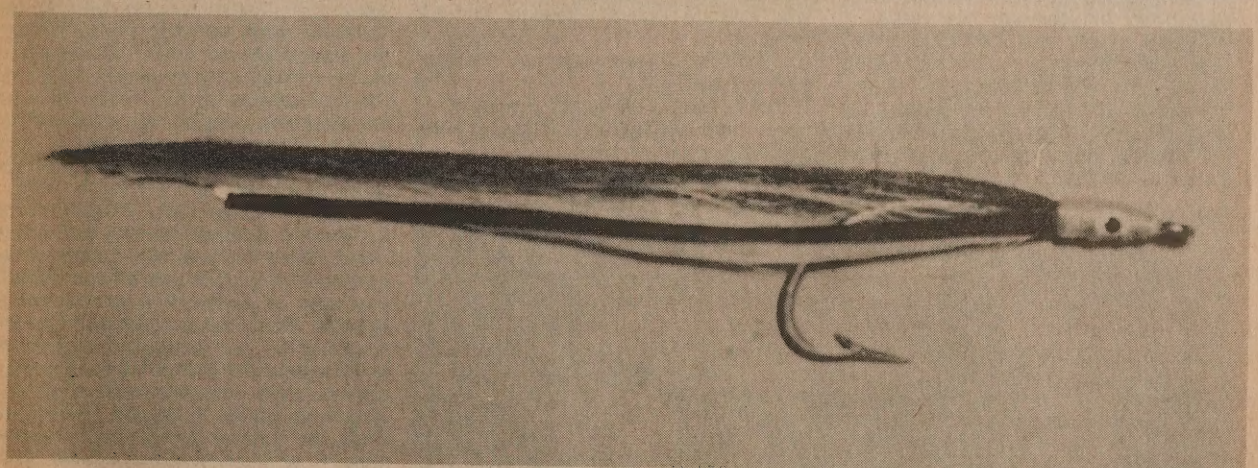

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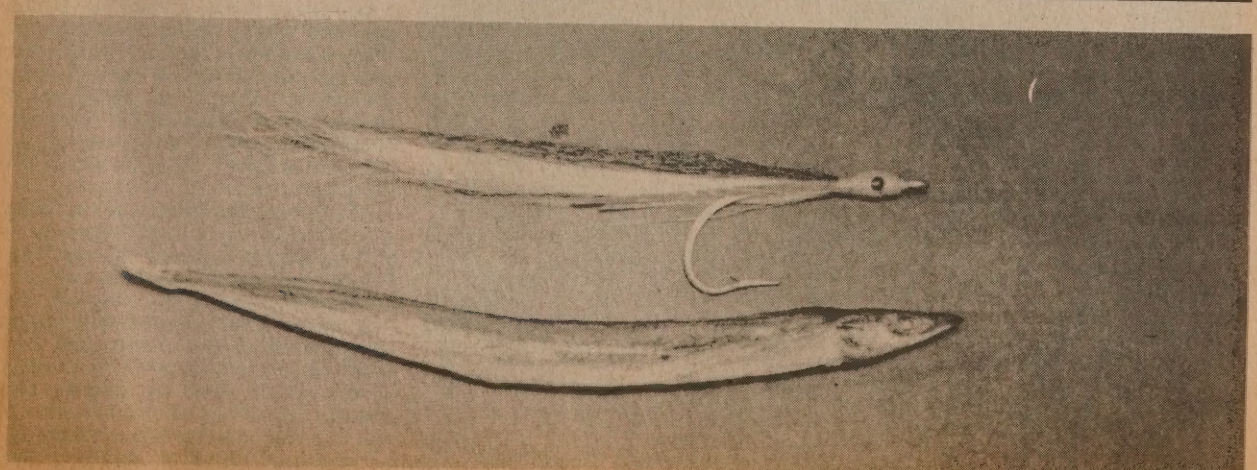

PHOTO EIGHT

FISHERMAN'S LAMENT

by Matt Ahern

Artie Leidecker is a good friend of mine. This summer we will have been fishing together 63 years—which anyone will agree is a good, long time. He's also a codfisherman par excellence; one of the best I've ever seen.

But this article is not to be about mine and Artie's friendship, or his ability to catch cod, which I've written about more times than I can remember. No, the theme of this article is "Why do we do it?" Why do some fishermen make it to tough for others? Well, let's see.

One day several months ago Artie and I planned a whiting trip aboard his "Echo." It never materialized. At dawn on the selected day, and just minutes before casting off, an unexpected south wind of near gale force materialized from nowhere and caused us to abandon our plans. I consoled myself with the thought that even if it is tough luck, it's happened before and it will happen again. Tomorrow, I told Artie, is another day. Besides, I cheerfully added, the fish always bite better after a blow from the south.

We sat in the chilly cabin and sipped hot coffee, each deep in his own thoughts, both enjoying the unspoken camaraderie shared only by friends of long standing.

Artie lay his coffee mug aside and glanced across to me.

"Why do we do it?" he asked.

"Do?" I inquired. "Do what? I haven't done anything."

"Not you personally, Matt. All of us. Why do we old-timers get the urge to teach others what we know, and then feel bad when the effort's resented?"

I shrugged. "Human nature, I guess. What brought this on? Feeling sorry for yourself?"

"Something like that, I guess. Yesterday I tried to help out a guy on the Canarsie pier who wasn't catching a thing while everybody around him was loading up. He nearly bit my head off!"

"So? That'll teach you to mind your own business."

"But, Matt, that's not the thing. I only...aah, the hell with it! Let's pack up and get out of here."

The more I thought about what bothered Artie, the more it began to bother me, and when I arrived home, it bothered me some more. I knew what Artie was driving at, of course. A lot of fishermen I know just don't enjoy being told they're doing something wrong when well-meaning advice is offered. Can't say I blame them, either. It's a ticklish situation for the one trying to be helpful, and also for the guy receiving the advice. Sometimes, as Artie's experience proved, things don't work out.

I do believe, however, that no man will ever know all there is to know about fishing. And I also believe that once a fisherman realizes this, he'll be in a more receptive mood to accept well-meaning advice from other anglers who might just possibly know something of which he's unaware. Now, you'd think that with over 60 years of fishing experience behind me I'd know it all. Wouldn't you? Perish the thought! What I don't know about our sport would fill an ocean, and I'm the first one to admit it. I'm always learning and when someone comes up with a better idea, I'm all for it. You can bet I'm never resentful. I want to catch those fish!

Take it from me, the smart fisherman always keeps an open mind. He never hesitates to admit he doesn't know. It is the clever fisherman who is always shrewd enough to realize that when he admits to slogging his way along the wide path of ignorance, he's immediately transported to the narrow road of knowledge. No matter how well one might think he knows a subject, there's always someone, somewhere who knows more.

I've been lucky to have gotten some good advice from other fishermen over the years, plus tips leading to short-cuts that might have taken me years to discover on my own. And by the same token, I've gotten poor advice by well-meaning but inexperienced fishermen. Eventually the recipient learns to separate the wheat from the chaff.

I remember one time as a kid doing a little codfishing on the Cholera Bank one January day aboard the old Rose R II out of Canarsie. My heart was set on snagging one of the monster cod that were coming aboard with regularity. Most of the passengers had three or four of these big fish, plus several fish each to maybe ten pounds, but I had yet to nail one. A few ling and whiting, yes, but no cod. I had sense enough to realize I was doing something wrong—but what? My bait was the same, I was rigged

Open boat regulars are very often willing to share their years of experience.

exactly as the guys getting the fish. What was wrong?

I could have sought aid from the skipper or one of the mates, but I was too full of false pride and stubbornness to seek help. And that's where I made my mistake. Truly, pride goes before a fall.

Luckily I was rescued by a fellow passenger who must have been the forefather of Artie Leidecker. Just as I was on the verge of a kid's tears of frustration, this fisherman sidled up to me and said: "Say, kid, who told you you had to jig to catch cod? You just let that line lie still. If you don't get one of these cod with a dead line, I'll give you one of mine."

I well remember my feelings. I was resentful. But I wanted one of those big cod and I had sense enough to put my stupid pride in my pocket and fish a dead line as I was told.

The first cod I hooked weighed 32 pounds, and before the day was over, two more about 12 pounds each were brought to gaff. I was more than grateful to my new-found friend and I offered him his pick of my fish. But he was too much of a man to take advantage of a kid.

As we sat together on the way in, my friend gave me a piece of advice that has brought hundreds of cod over the rail for me. "Sonny," he said, "never jig for cod in January. Jigging works sometimes in the early part of the run—like November; and even then I wouldn't put too much stock in it. Cod are spooky. Just remember to keep a dead line and you'll do okay with the cod."

Most all my fishing information has come this way—through other fishermen with a sincere desire to help their fellows. And that's what Artie Leidecker was trying to do: share his wealth of knowledge with another fisherman. Unfortunately, his efforts weren't appreciated.

Pursuing information written by experienced fishermen always pays off. Sport fishing has become so popular since World War II that public libraries are chockful of books on the subject, all written by past masters at the game. Never will you find one written by a non-fisherman. Writing on the subject of sport fishing doesn't lend itself to the pen of a guy who's trying to bluff his way. A guy's got to know his stuff—and know it well. All of which is fine for fellows like us. One evening with a good book on the subject of his choice is sure to make one a better fisherman. If such a fisherman applies what he's learned, he can't go wrong.

So, the next time you're fishing and not doing too well, and some fisherman comes up to you and suggests changing your rig, or bait, or whatever, welcome him with open arms. When he sees you begin to catch fish with the information he's just given you, you are certain to see him smile.

Artie wanted to know why we did it. I think I've just given him the answer. But that old fox isn't fooling me—he knew it all the time. Of that I'm sure.

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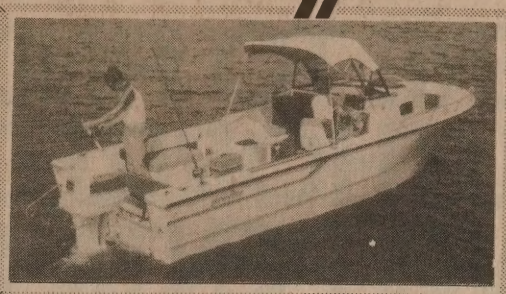

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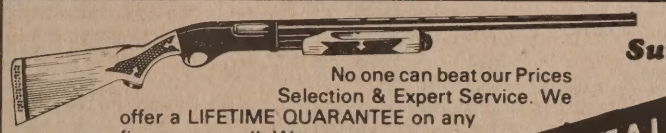

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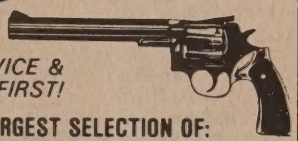

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EXPLORING THE DEPTHS:

Understanding Flasher/ Recorder Specifications

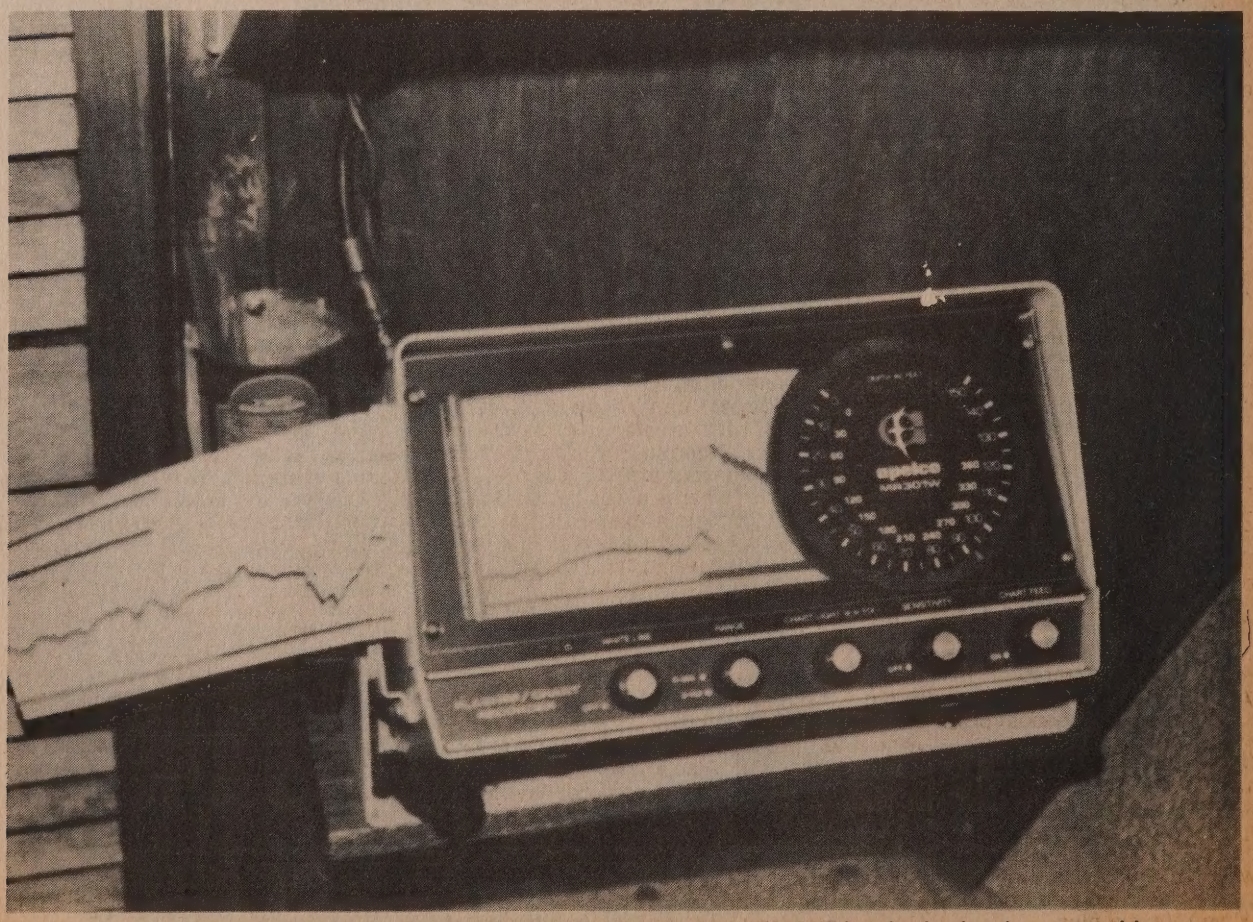
Part Two — *by Newt Lewis*

Now that the decision has been made to add a fish locator to one's repertoire of fishing appointments, there are still many considerations to be made by the buyer. There are many manufacturers' brands to choose from and each brand will have numerous models confronting the buyer.

The top consideration is to look for name brands. Bargain and "good deal" machines are useless when broken down, out of service for several weeks for lack of parts, sending a machine across the country for service or simply trying to find a repair shop that will "look" at the machine.

Refer questions concerning service and warranty experience to owners of such units. Their answers would be more reliable than someone selling such a unit. While at the Outdoor Expo last year I stopped at the two booths displaying fish finders. Both described great service, fast return, loaner units, good warranties, etc. An owner of one of the brands displayed there was very dissatisfied with the three months service on his unit. Needless to say he was inquiring of the competition about their service, as he was trading in his machine.

Another source of information on machine reliability is independent service shops. Saltwater corrosive resistance, ruggedness of construc-



Installed flasher recorder showing control knobs, shelf, take up can on bulkhead, plastic take-up spool in can behind paper. Paper can easily be unwound for study. This is on its second trip through, thus the four lines. Photo by Newt Lewis.

tion, reliability of drive and frequency of repair information can usually be had for the asking. After talking with a few shops and analyzing the information obtained, you will be better qualified to put this information in perspective, to match your needs.

Fishermen are great imitators, as attested to by the fishing reports from tackle shops reporting in The Fisherman: big run on white worms this week, Rebels the big item this week. Because the local "best fisherman" uses a brand X flasher, and copied by all his followers, does not make a brand X flasher the best type of unit for everyone. In preparing for the article I discovered that one marine electronic service center thought that a very popular straight line chart recorder was a "Mickey Mouse" machine, with a weak power train that will not hold up. In researching for a depth finder, such information as mentioned above will require you to dwell deeper for further verification before laying out your hard-earned money.

The following several paragraphs will give an insight on what to look for when researching for a depth sounder in a non-technical way.

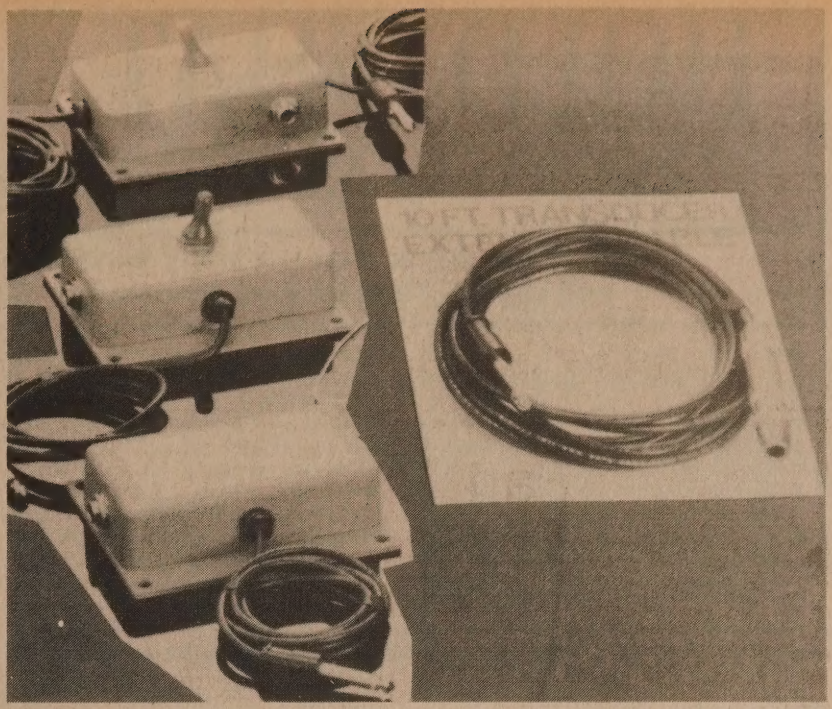
Narrowing the machine list further requires that a look at the type of fishing it will be used for. It is very difficult and expensive to find one that can be used for all situations. Take some time and figure where 95 percent of the fishing is done. Do not consider "ifs," as these are the fishermen's ego images and are never gotten around to be fished.

At what depth will the machine be used? Fishing in water up to 200 feet deep will narrow the list of machines considerably. A machine that will read to 300 feet or thereabouts will give a margin of safety. Why pay for a 12000 foot unit?

Next on the list is the range. Most fish finders break their total readable depths up into segments. The total range of my machine is 0-360 feet. It is divided into two ranges: 0-150 feet at a fast speed and 0-360 feet at a slower speed. If the ranges are divided such as 0-60, 60-120, 120-180 feet etc., only a segment of the total depth under the boat is recorded. Thus, at the 120-180 foot depth, fish that pass in the 0-120 foot range will be undetected. Check the machine literature, as all manufacturers use their own system.

Pulse rate is the rate that signals are transmitted through the transducer. The higher the pulse rate the more defined the readout or returning signal, as more echoes are received. Most manufacturers change the pulse rate to match the range or depth the machine is set at. This is built into the machine and a good feature because if one pulse rate was used the shallow water readings would be poor. For a variety of fishing depths, a variable pulse rate is a plus.

The power of depth finders is measured in watts and are available in wattages from eight watts to 1000 watts or more. Generally, the greater the wattage or power, the deeper the depth penetration of the signal and the returning echo will be stronger, giving better definition.



Extension cord of transducer cable allows more freedom in mounting the unit. Switch boxes allow different combinations of unit types and transducer angles to be used in conjunction with one another. Can also be used to add additional equipment providing manufacturer recommends doing so. Photo by Newt Lewis.

The cone angle is another choice that can be had from some manufacturers. The signal leaving the transducer looks like an upside down ice cream cone, with the pointed end being at the bottom of the transducer. For varied depth fishing a transducer with an angle of around 20 degrees is satisfactory. However, in deep water, with the sound energy concentrated in a smaller area, an eight degree cone transducer, can reach to greater depths with greater sharpness and accuracy of depth. For example, a 22 degree transducer in 15 feet of water will cover an area of the bottom that's about six feet in diameter, while an eight degree transducer at the same depth will cover a two foot diameter circle.

Pulse, power, and transducer angle may vary with manufacturers; althouch choices may be offered they usually are fixed or built into the machine. A switch box is available that will allow two transducers of different cone angles to run into one sonar unit. Also a switch box for those wishing to add a recorder to accompany a presently owned flasher or digital unit. However, never cut a cable, coil it up and stow it out of the way. Before purchasing any additional equipment, check with the manufacturer of the present unit to see what is available by them or recommended for their units.

Sensitivity or gain, depending on the manufacturer is adjustable by the user. The common analogy to the sensitivity control is the volume knob on the radio. The more the knob is turned the louder the noise until it becomes inaudible: the recorder-flasher becomes unreadable. Operating instructions will provide proper use of this valuable adjustment.

Chart paper speed is built into some depth finders and adjusts automatically with the depth or range control knob. A depth finder with an independent chart paper speed knob is a plus. The paper can be adjusted to compensate for boat speed and to conserve paper.

Machines that require chart paper, need to be loaded. How easy is the loading operation? Is there a take-up roll for the paper? Would a cartridge loading unit be best? Even though the pre-loaded cartridge sounds nice and easy—is it practical for your style of fishing? An advantage would be that two cartridges are needed and can be pre-wound at home, and easy to insert, especially at night. What may be a disadvantage: how difficult is it unwinding the roll to study its contents; is it practical to re-use the paper again upside down? Unless the used paper is torn off it will be blown around by the wind and tear itself. I mounted a frozen juice can with a slot in its side to hold the used paper. By placing a long handle spool in the can, I wind up the used paper whenever necessary. Also this allows for easy access to the used paper for study or rewinding for its future use.

Part III on the transducer next week.

HOLD THAT "JUNK"

by Mike Campanelli

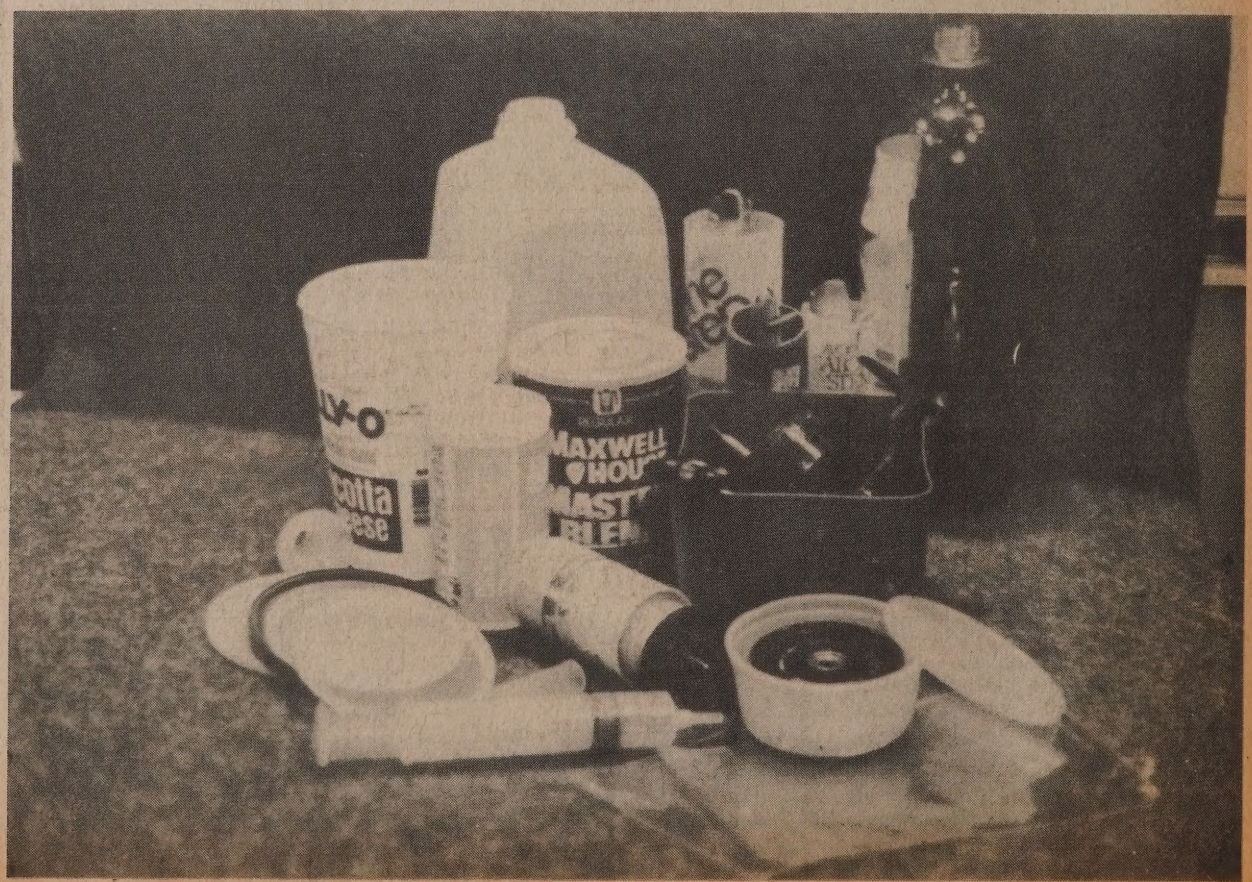
Many of the items that normally wind up in the garbage can, can be put to good use by creative thinking anglers.

Well, can I throw it out? Looking up from breakfast at what my wife was holding, I said "Sure, I have enough of them for awhile." So into the garbage went one empty margarine container. Around my house, any and all plastic disposable containers get looked at hard and long. You never know when one of those thousands of plastic bottles, containers or other such items could be put to good use in the garage, basement workshop or especially for fishing.

Take the plastic gallon milk containers or even the smaller half gallon sizes. They have all kinds of uses from holding waste oil after draining my buggy's engine to holding drinking water for extended stints on the beach. Cut in half, the top sections of all plastic bottles make good funnels. The bottom halves are put to use for holding reel parts when I take apart and clean reels at the end of the season. The half gallon milk jugs with the bottoms cut off at a 45 degree angle make a nice bailer for a small tin boat. Using those same half gallon size containers, you can fill them with about two inches of sand (for weight) and chum, leaving room for expansion, and then freeze them away. When you're ready to use it, tie a cord to its handle, punch holes in the sides with a screwdriver or knife and you're all set. No worries about leaving the chum pot home or losing it over a rocky bottom. When you get back to the dock, just throw it out. No more cleaning out the old chum pot! Those half gallon milk containers can be just as easily filled with water for making ice. Half a dozen in the bottom of the cooler and there's no more water sloshing around all over the place and the fish will not be laying in bloody water all day.

Long narrow plastic bottles like the shampoo or hair spray variety can be taped together to form the interior compartments for a plug bag. Tape them in groups of four and keep them in an old plastic milk case. And when there's a need to change the plugs in your bag just switch inserts and all. Along these same lines, the plastic tubes that are now used to hold window caulking also make great plug holders. One trick is to take a dozen and screw them to a board and then mount the board in a handy spot on board to hold those large trolling plugs like the Super Strike Rattlers. This will keep those large treble hooks safely out of the way but handy enough for a quick change.

I find margarine containers perfect for holding my large Crack and Penn spinning reel spools. That's the reason my wife asked me about throwing one away at the beginning of this story. The container seals nicely,



Some of the many discardables put to use by the author.

keeping out sand and dirt. Plus the spools don't take a beating when carried around as a spare in the bottom of a plug bag or tackle box. The pound test of the line and date the line was spooled can be marked for easy reference on the lids. To keep spare conventional spools clean and protected I put them in the plastic containers that frozen orange juice comes in. After I have enough margarine containers I still save the lids for use as a surface to mix epoxy or small amounts of paint on. There's always a stack of them on my workbench for whenever they are needed.

One trick learned from when I did a lot of photography is to tape a couple of 35mm plastic film cans to the strap of the plug bag. Instead of holding film, extra snaps and swivels are carried. They also keep all kinds of small items like split shot, fish finders, etc., from getting strewn all over the inside of the tackle box.

I've grown fond of plastic containers because they don't break or rust along with being free, after using the product inside it. This rustproof ability makes quart containers that hold deli products perfect for holding eel skins. Just make sure they're heavy duty and have tops like the margarine containers. No more old glass pickle jars to break or their tops rusting off in the back of the buggy. Those same containers can be taped to the rod holders on the front of your buggy. With an X cut in its lids, it's a simple matter to just drop in an eel and sinker when it's time to move down the beach. Saves both times and eels, as the eels are protected from taking a battering as when they're just left hanging.

While most disposables are quite common and easily found around the house, there are some odd disposables that are well worth looking for. What fisherman can be without at least one of those large plastic pails that most delis just throw away. Or better yet, one of the fast becoming popular plastic pickle barrels with a screw-down lid. They're about two gallons in size and make a perfect traveling bait tank; just add an air source.

At work I've found that heavy duty plastic packing slip envelopes were being thrown out. The envelopes now keep leaders and even feathered teasers neat and out of harm's way when slipped into my plug bag. One of the most difficult disposables to locate is a disposable syringe. This little item can be used to load plugs with water or mercury, whichever you prefer, or used to oil reels. Another medical item I use is a plastic test tube. Just fill it with a couple of strips of pork rind and seal with a rubber stopper.

I'm sure there are many other ways to use all that "plastic junk" we discard every day, and I'm sure many of you have discovered some uses that I have not. If you're one of those who just think garbage, maybe you should think again before you throw.

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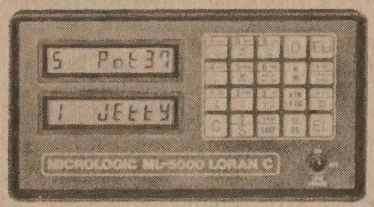

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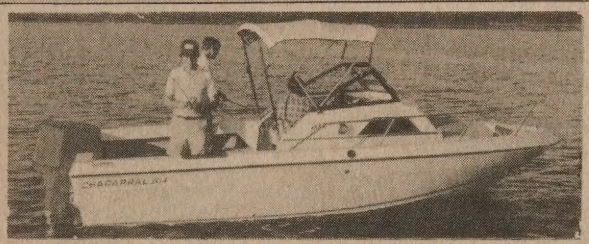

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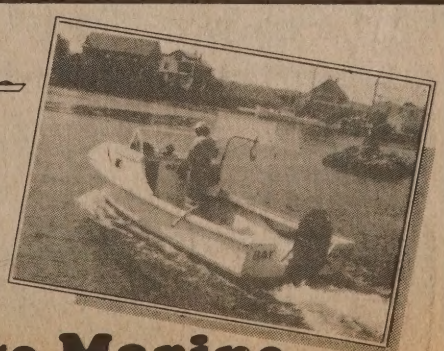

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TIDES AROUND THE SHORELINE

by Gerald Hahn

Shore bound anglers must be well versed in the tide game if they expect to score consistently.

Novice fishermen are generally curious about high and low tide when they should be concerned with the current. Experienced boat men at Montauk's rips certainly are, for they find fishing for fluke best during the first four hours after slack water when the current is strongest. On the other hand, at Great Eastern the best time to catch porgies is an hour before and an hour after slack. Porgies like their currents and meals held relatively still. Thus, one fish is taken in a swift current and the other in a slow one, and veteran anglers—offshore and surf—take advantage of both by following the currents and not the tides.

What's the difference between tide and current? Tide refers to the water level, a vertical movement between sea floor and surface. Current refers to the water's horizontal movement; in other words, its speed. Misconstruing the relationship between the two, beginners believe that the current always stops moving when the tide in a given area is at its maximum or minimum level. Glance at a tide chart, such as the one in this magazine, and you will see that high tide occurs about every twelve hours. So does low tide. Whenever the tide changes, there is a period called slack water which lasts about a half-hour—the time it takes for the current to slow down, stop and reverse direction. High tide simply means that the water level in the area indicated is at its maximum and vice versa for low tide. It does **not** mean that the tide is about to end. For water reaching its highest level in one place needs time to move to other places. Tide charts are not prepared primarily for fishermen. They are prepared for navigational purposes, for the skippers of freighters and ocean liners who must know in advance the water level of various harbors and ports.

The relationship between tide and current varies from place to place. For example, in the open sea the current moves in all directions, making a complete revolution in the tidal period, and consequently, the two often change at the same time. In a back-bay area, however, such as Potunk Point in the east end of Moriches Bay, the current may be delayed for more than three hours. Here the topographical features of the bay influence the current as much as moon phases and winds. For at Moriches Inlet, the mouth of this bay, a narrow passageway constricts the water, creating turbulent pockets which trap bait. By the time the current reaches Potunk Point, however, it has been considerably slowed by sand bars, seaweed beds, a rising bottom formation and a wider ex-

Ever wonder why this happens? Fish may appear at the same place day after day, but only for a brief period on a certain tide—hence the convention! Photo by Dick Mermon.

panse. Here, then, is an extreme case where water is at a maximum level in one part of the bay and at a low level in another part of the bay.

In addition to topography, moon phases and winds can seriously alter water level and current strength. During the full and new moon phases the current runs swifter and the tides higher than at other times, and bottom fishing is generally slow whereas predatory fishing picks up. It's all a matter of degree, however; for a current that is too swift may turn off even the hardiest game fish, and a lifeless current may not even stir a flounder. Among other things, winds can affect the tides.

In Long Island, a westerly wind pushes water away from the coast and thereby lowers both high and low tide. On the other hand, an easterly wind raises the water level. Consequently, in strong westerly winds incoming currents are slowed, whereas outgoing currents are increased. The reverse is true for easterly winds.

Putting this information together, I now realize, to some extent, why I may have encountered such poor bluefishing offshore one Indian Summer day last fall. It was a glorious day for lovers in Central Park, but alas, on the South Shore fishermen encountered no wind and a moon in its quarter phase. The water was at its warmest and the change from one tide to the other seemed to go on forever. Such conditions are not conducive to successful bluefishing. Curiously, I fared better earlier that season in the same water. The tides were reversed but changing at about the same time. Only this fine summer day we had a new moon tide and a northwesterly wind which bolstered the outgoing water and invigorated the blues. Ordinarily, northwesters occur in the fall, not the summer.

Continuing in this vein but moving to the surf, a northwesterly wind can be good for certain species on the North Shore and the South Shore. It is an excellent wind on the Sound for almost any fish, because it stirs the water, not the vegetation. Meanwhile, on the South Shore, this same wind creates clean, calm water, the kind winter whiting favor. On the other hand, a wind from the northeast is favored by many anglers in the East End, because it pushes bait within casting range, and predators are sure to follow. Then again, this wind on the North Shore brings nothing more than a garden of lettuce. Thus, each place must be studied individually.

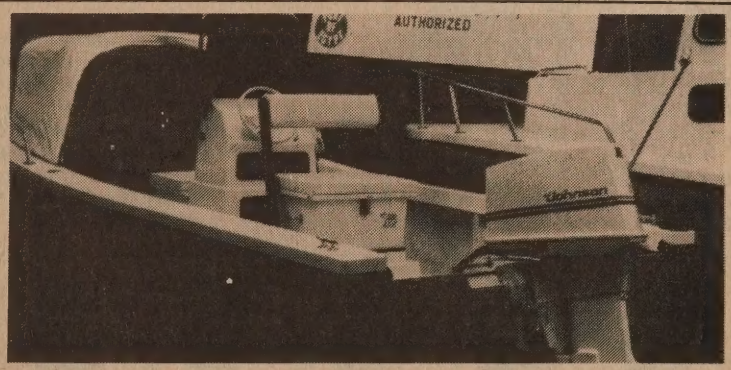
Slow currents are generally considered favorable for such bottom species as flounders, blackfish and porgies. Swift currents are better for blues, weaks and fluke. At Orient Point, for example, it's impossible to hold bottom once the current starts racing, and fishing for porgies and blackfish will be poor. On the other hand, trying to move a bait for fluke or weaks in a sluggish current is almost as futile. These are general rules, however, as will be seen shortly.

Many fishermen favor incoming water (flood tide) because it pushes bait inshore, even without an accompanying wind. Moreover, in a shallow bay, outgoing water (ebb tide) may drain to a point where it cannot sustain fish of decent size. In these places, tiderunner weaks as well as lowly flounder are best sought at the tail end of the incoming tide. Then again, other people favor outgoing water. For example, at the South Shore Inlets, the tail end of the outgoing tide is considered excellent for catching lurking stripers and blues, predators who know that baitfish are being swept out and trapped along the sand bars formed by the constricted passageway. Here, the beginning of the outgoing tide, just after the bait has been swept inshore, is also a productive period. The key to inlet fishing, then, is to work around the change of either tide.

At other places, fishermen may favor the end of the outgoing tide simply because this is the only time they can reach an outer bar on both the North and South Shores. Then again, in rock strewn waters, the incoming tide is favored for increasing the water level so that a lure moving beneath the surface will not snag. What works at one place may not work at another.

At one place I know on Peconic Bay, my prime consideration is neither incoming nor outgoing water; nor is it the phase of the moon or the direction of the wind. In this protected waterway it is current strength. For I have discovered that the largest April flounder and the most aggressive sea run porgies in June are only aroused in this protected waterway when the current races at full strength. These species, you may recall, are supposed to be taken when the current slows down. But a swift current here may be equivalent to a sluggish current elsewhere. For sure, a slow current here is absolutely dead.

Current tables are available from the Coast Guard, but they are complex and subject to change. Personally logging the current at your favorite fishing haunt will give you the most accurate information. Make note of high tide (or low tide) on the chart, and then time it to slack. The moon phase, wind direction and speed, and the time that the current is strongest should be logged as well. This information is not a guarantee of success, for there are numerous factors fishermen cannot control: migration changes, cyclical patterns, offshore storms, the inexplicable depletion of bait. And some that he has only begun to control: pollution, over-harvesting by commercial fishermen, establishing catch and size limits on endangered species. Even so, follow the current and sooner or later it will bring its reward.



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USING A HYDROMETER:

A USEFUL TOOL TO MEASURE YOUR BATTERY'S CAPACITY

by Bob Hasewinkle

"A hydrometer is one of the most useful tools any fisherman or recreational boater can own," says Jim Trenter, a product and applications engineer for the Automotive Battery Division of Gould Inc., makers of Super Crank (TM) and Action Pack (TM) marine batteries.

Without knowing how much charging is needed for a battery to regain its full strength, many boaters often undercharge or overcharge their batteries, Trenter says. Either extreme shortens a battery's useful life and increases the potential for a power outage at the most inopportune time.

That problem is easily solved, though, by using a hydrometer—an instrument that quickly indicates the amount of charging required to fully charge a battery.

A hydrometer resembles a bulb-topped syringe, and has a long glass or plastic stem that is dipped into a battery's cell compartments. When electrolyte is drawn into the stem, the user learns how much charging the battery requires.

Here's how it works. A battery's electrolyte is composed of water and sulfuric acid. The acid is one of the ingredients that helps electro-chemical action take place within the battery. When the battery is working, the acid leaves the water and enters the plates to help produce electric current.

Since sulfuric acid is heavier than water, the electrolyte becomes lighter as acid leaves the water and enters the plates. The acid's departure also weakens the battery's capacity to produce additional power. Charging reverses the process, forcing the sulfuric acid out of the plates and back into the electrolyte. Therefore, the heavier the electrolyte, the more acid it contains and the greater the battery's state-of-charge. The lighter the solution, the less acid it contains and the lower the capacity a battery has.

Engineers have developed a measuring yardstick termed **specific gravity** to indicate how much sulfuric acid is present in electrolyte at any given time. When a battery is fully charged, the electrolyte has a specific gravity of 1.265, meaning that the solution is 1.265 times heavier than water. As sulfuric acid leaves the water, the specific gravity decreases. A reading of 1.110, for instance, means that little acid remains in the water and that the battery is almost completely discharged.

The float gives the specific gravity reading. The hydrometer's stem contains a calibrated float with numbers on the side that either sinks or rises depending on how dense the drawn electrolyte is. To learn the specific gravity, hold the hydrometer vertically at eye level and read the float number appearing at liquid level. If, as noted before, the specific gravity reads 1.265, the battery doesn't need charging. If the float's reading lies below the 1.265 marking, charge the battery to full capacity.

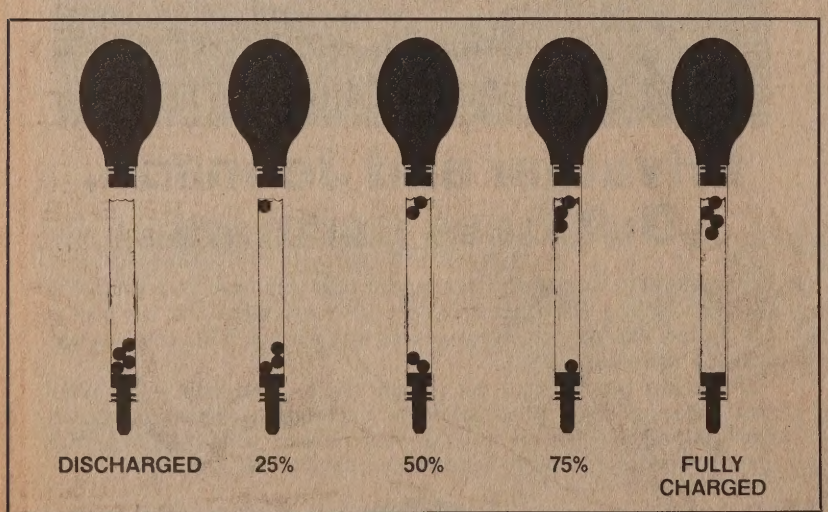
Float-type hydrometers can be complicated, Trenter admits. Much easier to master, he says, are the floating-ball hydrometers. These instruments contain four colored balls which rest at the bottom of the stem. When electrolyte is drawn into the stem, the user counts the number of balls that float to the top. If four balls rise, the battery is fully charged; if three balls rise, the battery has a 75% state-of-charge; if two balls float, the battery's charge is 50%; if one ball rises, the battery is only 25% charged; if none of the balls floats, good luck.

With a healthy battery, the same reading should be obtained regardless of which cell the hydrometer is dipped into. If there's a difference of two or more floating balls between cells, the battery should be tested by a battery dealer or a marina maintenance employee.

For most accurate results, read the manufacturer's instructions before using a hydrometer.

One final note: a hydrometer should not be used immediately after water has been added to the electrolyte. For reliable readings, first charge the battery to mix the electrolyte.

The Automotive Battery Division of Gould Inc. offers a free, 16-page booklet, "A Few Hard Facts About Marine/RV Batteries," that gives more information about proper charging techniques and other battery usage tips. The booklet is available by writing Action Pack-Super Crank, Gould Inc., P.O. Box 43140, St. Paul, MN 55164.



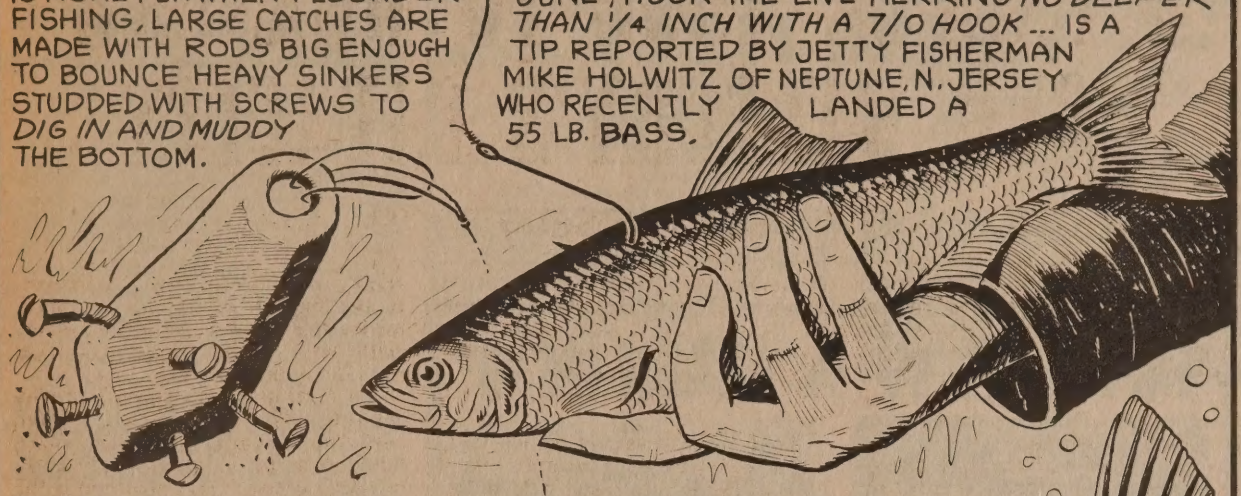
HANDY HYDROMETER. Although more sophisticated versions are available, a simple floating-ball hydrometer quickly tells how much charging a battery needs. The amount of energy present within the battery is determined by counting how many of the four balls rise when electrolyte (a water/acid solution inside the battery) is drawn into the hydrometer's stem. If three balls rise, for example, the battery is approximately at 75 percent of full capacity.

FISHERMAN TIPS

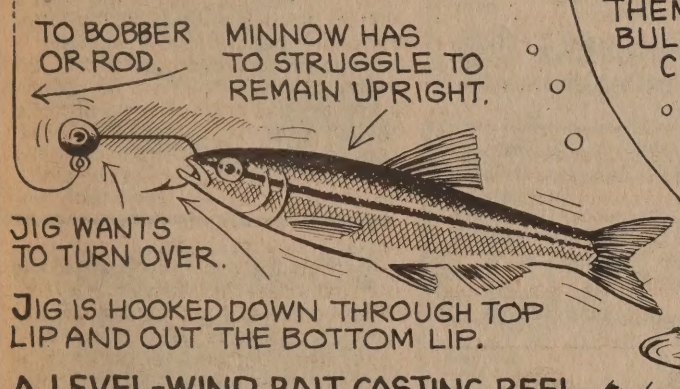
BY FRED GUARDINEER

ALTHOUGH LIGHT TACKLE IS MORE FUN WHEN FLOUNDER FISHING, LARGE CATCHES ARE MADE WITH RODS BIG ENOUGH TO BOUNCE HEAVY SINKERS STUDDED WITH SCREWS TO *DIG IN AND MUDDY* THE BOTTOM.

FOR LIVE LINING STRIPERS DURING MAY AND JUNE, HOOK THE LIVE HERRING *NO DEEPER THAN 1/4 INCH WITH A 7/0 HOOK* ... IS A TIP REPORTED BY JETTY FISHERMAN MIKE HOLWITZ OF NEPTUNE, N. JERSEY WHO RECENTLY LANDED A 55 LB. BASS.

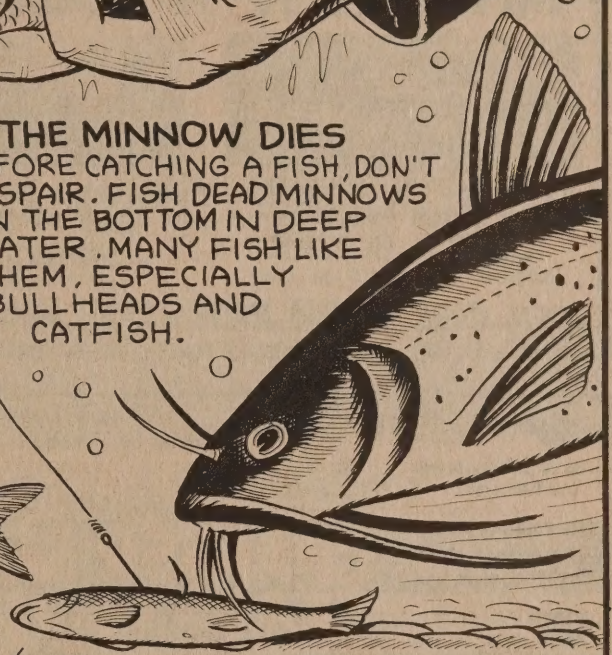


THE "UPSIDE DOWN" TRICK REFERS TO HOOKING A MINNOW TO A TURNED OVER JIG. IT KEEPS THE BAITFISH *STRUGGLING* TO REMAIN UPRIGHT AND ITS MOVEMENTS ATTRACT FISH.



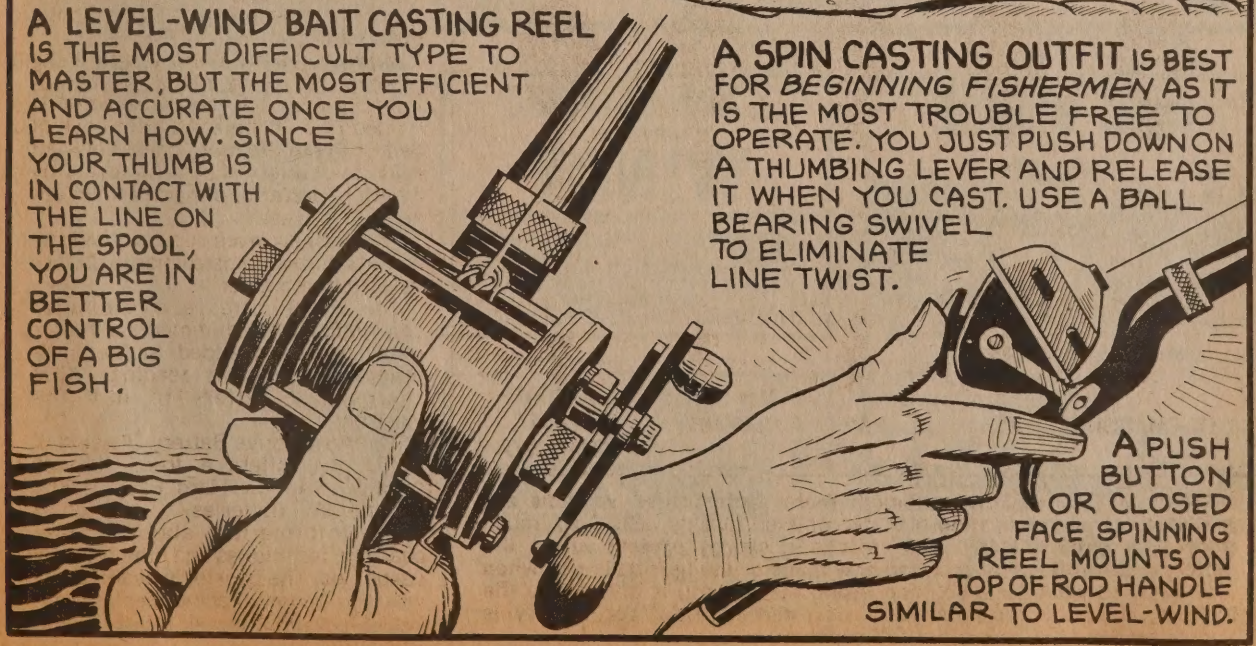
JIG IS HOOKED DOWN THROUGH TOP LIP AND OUT THE BOTTOM LIP.

IF THE MINNOW DIES BEFORE CATCHING A FISH, DON'T DESPAIR. FISH DEAD MINNOWS ON THE BOTTOM IN DEEP WATER. MANY FISH LIKE THEM, ESPECIALLY BULLHEADS AND CATFISH.



A LEVEL-WIND BAIT CASTING REEL IS THE MOST DIFFICULT TYPE TO MASTER, BUT THE MOST EFFICIENT AND ACCURATE ONCE YOU LEARN HOW. SINCE YOUR THUMB IS IN CONTACT WITH THE LINE ON THE SPOOL, YOU ARE IN BETTER CONTROL OF A BIG FISH.

A SPIN CASTING OUTFIT IS BEST FOR *BEGINNING FISHERMEN* AS IT IS THE MOST TROUBLE FREE TO OPERATE. YOU JUST PUSH DOWN ON A THUMBING LEVER AND RELEASE IT WHEN YOU CAST. USE A BALL BEARING SWIVEL TO ELIMINATE LINE TWIST.



A PUSH BUTTON OR CLOSED FACE SPINNING REEL MOUNTS ON TOP OF ROD HANDLE SIMILAR TO LEVEL-WIND.

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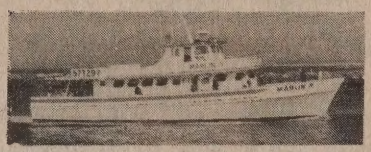

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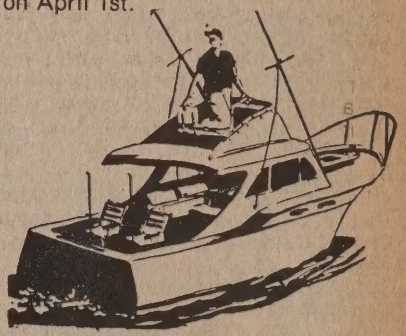
East End Report

by Stu Miller

MONTAUK

Captain John (The Wizard) DeMaio fished with a one-man charter Friday taking 60 cod which averaged 7 lbs. each. Half the catch was on bait and half was on jigs/tube combos. With all action being at Cartwright. A three-man charter Sunday racked up 130 cod in the 7 lb. area with one fish topping the scales at just 30 lbs. John advised he is set to go for the year.

Captain John Potts of the charter boats **Bluefin I and IV** advised that is readying both vessels and will start charter trips for giant cod and pollock on April 1st.



South Shore Report

by Fred Golofaro

EAST END BAYS & INLETS

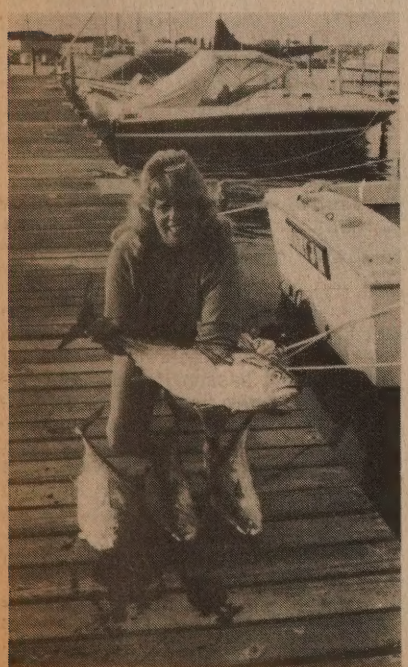
Most south shore flounder fans who chose this past weekend to kick off their flatfish season, found both the weather and the fish in a cooperative mood. A horde of eager anglers descended upon **Captree**'s open boat fleet and were greeted by "the best early run of flatties in years." Most **Moriches Bay** anglers worked the Quogue Canal with satisfactory results but it appears that the Bay itself might be ripe for a good early run.

According to Larry of **L & M Marine Fishing Station** in **E. Moriches**, the best fishing in the Quogue Canal occurred back in January when catches numbering in the hundreds were the norm. Due to the mild winter, it appears that the flatties are already beginning to move from the

Ralph Ponticelli and Joe Errigo kiss the pool goodbye. The 44 lber. came up 8 oz. short on a January trip aboard the Captree open boat "Speedy VII."

deep water of the canal to the shallower expanse of Moriches Bay. Nonetheless, of the 20 or so boats which worked the Canal between Friday and Sunday, Larry said that catches ranged from 20 to 50 fish per boat. Top boat for the weekend was Larry Marino of Wantagh and Jim Catanzaro of Franklin Square with 50 flounder, including many in the 1 to 1½ pound range. The pair used mussels and sand worms and mussel chum at buoy 54. Larry also reminded that the 42' charter boat **Tender Loving Care** will be sailing from the Marina and is currently booking flounder and cod charters. Info is available from **L & M Marine**.

Over at **Silly Lilly Fishing Station** in **East Moriches**, Gary Grunseich re-



Mickey and Linda Stolze caught these four albacore aboard their Linda I last summer. Subscriber photo.

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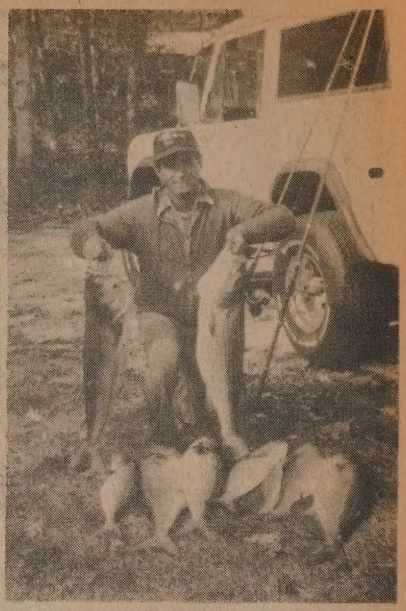

More evidence of last fall's fine surf action came from Mike Prisco who sent along this photo of himself and some of the 25 mixed bass and blues he took on an October morning at Smith Point Park. Subscriber photo.

layed word that they are ready to go with boats and bait and that he knew of some decent flounder scores made near buoy 54 in the Quogue Canal. **Hi Way Fishing Station** also asked that we let customers know that they too are all set and ready to go for spring flounder.

Ray Solinas and a friend trailered Ray's outboard to the Library Road ramp in Westhampton Beach on Sunday morning. The pair managed 2 dozen flatties with most in the ¾ to 1 pound class on clams and sand worms at buoy 54.

GREAT SOUTH BAY/ FIRE ISLAND INLET

Flounder fsihing in Great South Bay got off to an explosive start if the reports received here are any indication. Several skippers labelled the action the best start they have seen in many a year.

Capt. Rod Westerlind of the open boat **Capt. Rod** worked much of the weekend in the **East Bay** between Heckscher and Cherry Grove and figured each day catch fell somewhere between 300 and 400 flatties. Catches of 25-30 keepers per man were common on Sunday and the high hook for the day, Karl Hoffman, finished up with 48 flatties.

Capt. Gordon Roman of the **Captree Queen** filed a similar report and siad that many fares finished up each day with catches in the mid-teens. Many large fish are included in the scores and from Heckscher west, very few throwbacks are being taken. The East Bay seems to have an edge in quantity

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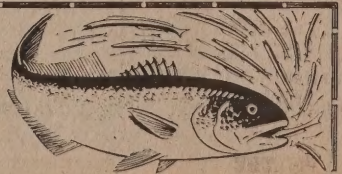

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KEEP OUR WATERS CLEAN!

Denise Brocker of Levittown with her first bluefish! The 15 pounder was caught in the surf at Smith Point Park. Subscriber photo.

but there are more small fish mixed with the larger flatties. Gordon, who skippered Sunday's trip, worked between buoy 4, Heckscher and Buoy 2, Islip, said all the fish ranged between ¾ and 2¼ pounds. Worms, clams and mussels all took fish. Gordon's dad, George, did handle the boat on Saturday's trip.

Capt. Richie Westerlind, of the **Capt. Richie**, spoke of lots of action with mixed size fish on Saturday's trip to the Heckscher Park Grounds. He attributed the fine start to the Island's mild winter.

Aboard the **Capt. Ben Litwin**, Paul Anastasio of Deer Park put away 16 flounder on Saturday and 30 more on Sunday. Sunday's pool fish was a 3 pounder taken by Lillian of Queens.

Capt. Dan Juettner of the **Capt. Dan** said that fares had between 15 and 30 flounder apiece over the weekend. Several of the fish topped

The crew aboard Joe Masone's Debra had a fine day with cod in the 8-13 lb. range during a late December trip. Fishing was done in 85 feet of water south of Jones Inlet. Subscriber photo.

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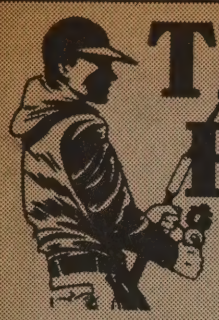

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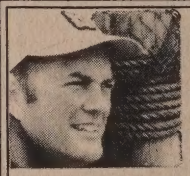

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the two pound mark. The skipper concentrated his efforts off of Sayville and Heckscher.

Those looking for a spring flounder charter are reminded that the **Rendova Island** with Capt. Carmine, is now booking flounder charters.

Capt. Marty of the **Jib VII** called to report that Sunday's trip produced over 300 flatties with most of his fishing done on the Heckscher Flats. Pool fish went 2½ pounds.

Capt. Speedy Hubert of the **Speedy Fleet** was so impressed by the weekend's flounder activity that he will be switching both boats over to the flounder run beginning Saturday, March 12. See their ad for details.

The **Bay Shore** open boat, **Casey Lee**, skippered by Capt. Neil Delanoy, went no further than the Bay Shore and Islip flats over the weekend. Over 300 flatties were taken each day with many 1-2 pound fish included. The

Ten-year-old Matthew French with his pool winning 30 lb. cod taken aboard the Freeport based open boat, "Super Spray II" on January 14.

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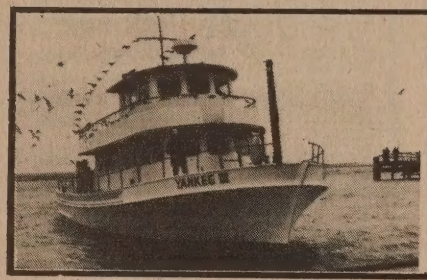

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SOUTH OYSTER BAY

A call from John Dombrowski of **Pop's Fshing Station** in **Seaford** reminded that the station will be ready to go on Saturday the 12th. Also, of interest to trout fans, John is stocking live killies and will continue to do so through the spring.

Western South Shore Report

by Stu Miller

WEST END BAYS & INLETS

Starting with the **Freeport Fleet**, 20 to 30 cod per day were the scores racked up for Monday, Thursday, Friday and Saturday trips. Sunday as the best day of the week with 20 fares bagging 60 cod fishing open bottom only. Roosevelt Rogers had 8 cod up to 15 lbs. Fish ran 7-15 lbs. all week.

Aboard the **Super Spray II** Sunday saw two pals with 22 cod between them. These were Ed Krabatscy and Walt Niederer. John Garcia totalled 17 cod all by himself and John Fitzsimmons was quite pleased with his

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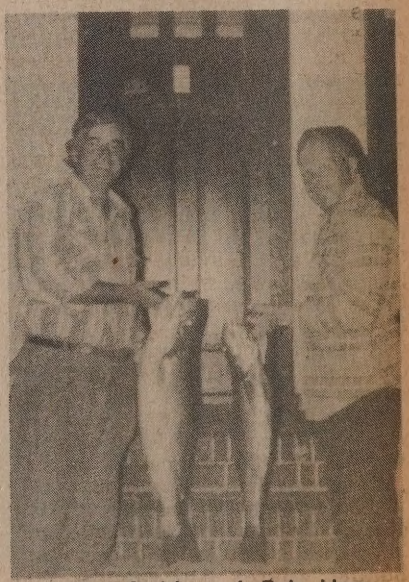
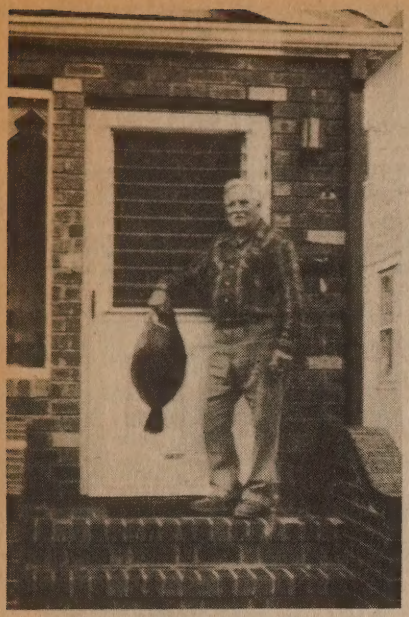


Jimmy Smith and Bob Hess show weaks of 12.4 and 9.4 pounds taken on live porgies in Jamaica Bay last October. Subscriber photo.

BAIT & TACKLE



Ed Brown of Oakdale, 75-years-young and still fishing strong, hefts a doormat of 12 lbs. 1 oz. taken off of Plum Beach on a strip of sea robin.

13 cod. A 17 lb poolfish was taken by Jack Lichaa. The skipper advises this coming weekend will probably be the last one for cod for the spring, with the two trip a day flounder sailings coming up next.

Captain Richie Kessinger's **Starstream II** enjoyed a decent weekend with the codfish with 50 being caught Saturday for 30 passengers. On Sunday's trip, 20 fares had 30 cod. All fish are in the 3-12 lb. range with a 15 lber. the biggest fish of the week. A few blackfish are also being caught and action was being found on both wrecks and open bottom.

As for flounder, the **Miss Freeport II** had fair catches Saturday with the pool fish hitting 1½ lbs. Sunday's catch was a lot better. The pool hit 2 lbs. on the flounder scale and high hook was 12 flatties. The skipper worked Jones Inlet and the inside and found the outgoing tide to be best on the weekend.

Joe "Flounder belly" Long had a lot of flatties in his bucket both Saturday and Sunday working the Baldwin Bay area at the end of Scow Creek. These were all 1¼ to 1¾ lb. fish with best action on the ebb. The fish were not muddy and were taken only with lots of mussel chum and mussel as hook bait.

Down in **Pt. Lookout** the two half trip a day boat **Miss Point Lookout** had roughly 150 flounder on each of the two trips Saturday with high hook 12 fish on each trip and a lot of fish over 1½ lbs. Catches were made both in Jones Inlet and in the back creeks. Sunday's fares had roughly 100 flounder on each of the two trips, fishing Reynolds Channel, off the golf course and up in the back bays. Most of these fish ranged from 1 to 2 lbs.

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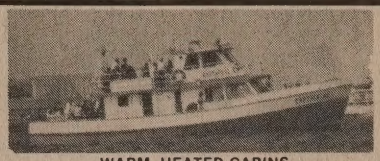

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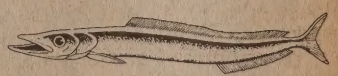

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POINT LOOKOUT

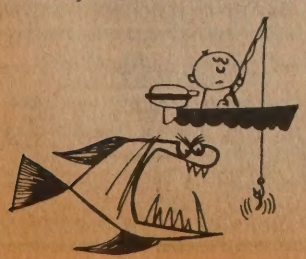
Jack Hooke and the 164 pound Pacific sailfish he landed while on a fishing vacation to Acapulco back in February.

Aboard the **Island Park** headboat **Commodore**, the skipper advised that on Saturday a few fish were picked on every drop, though not in great numbers. Fish were mixed and ran to 1¾ lbs. A little sunshine is what's needed now said the skipper, but that it's a very good sign that the fish are being found everywhere be it main channels or back creeks.

NEW YORK BIGHT

Over in **East Rockaway, Skippy's Bait & Tackle** told of good flounder fishing during the week and on the weekend. On Saturday, Paul Panusak and Dave Langdon took 18 good flatties fishing with mussels on the west side of Swift Creek in East Rockaway, while on Sunday, 30 flounder were taken by Bob Cato, Jim Fedele and Bob Lehan, same place, same bait.

To the west in **Sheepshead Bay**, Captain Butch of the **Zephyr** had good floundering all week and found Saturday to be exceptionally good. High hook was 38 flatties, to 2½ lbs. with only 6 throwbacks. Sunday's high hook was 29 fish with a 3 lb. flounder taking the pool. Four young boys had catches of 9, 10, 13 and 25 flounder, respectively. Butch says these are all very good signs of a strong flounder season and he's been fishing the Shrewsbury and Navesink Rivers.



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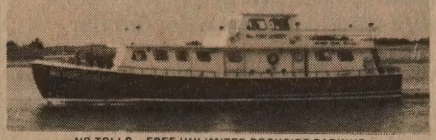

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North Shore Report

by Marty Garrell

WESTERN SOUND

Readers may take note that the popular skipper Capt. Joe Ferrara is back running the **Ebb Tide III** again, sailing from the dock at **Jack's Bait and Tackle**, City Island. The boat will be sailing Saturday and Sunday only at 8AM till further notice, for flounder. Joe advised us on Sunday night that his fares on the weekend had very good catches on the weekend, fishing Oyster Bay. Ninety percent of the fish had no mud on them, indicating that they've been swimming for quite awhile now and never really buried themselves in the mud during this mild winter.

NORTH FORK

A brand new party boat operation will be beginning at the end of March at Orient Point. Captain Larry Ciccotto will begin sailing the **Prime Time II** from Orient by the Sea Marina. The boat will be sailing two trips daily at 8AM and 1PM for flounder to start the season off. Watch for this ad to appear shortly and any questions can be handled by your calling 212-793-6582.

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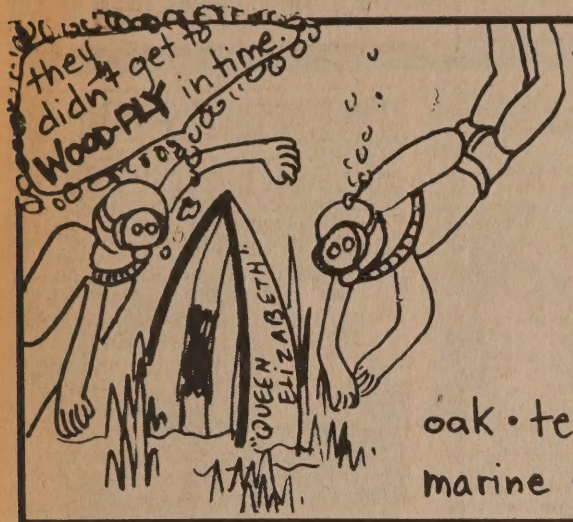

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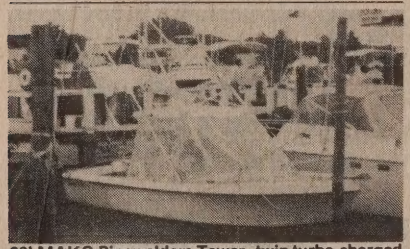

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20' SHAMROCK Open Fisherman. Exceptional condition. Hydraulic trim; extras. $10,000 Firm. After 7PM: 516-728-2385.

1971 35' BERTRAM Tower Gas, 1979 28' Topaz diesel, 1980 23' Mako twin 115 Mercs. 17' O'Day Day Sailer. 1937 Chris Craft speed boat. 427 Chris Craft marine block. 728-4220 days. Tom.

MAKO 19, 90 Mariner under warranty, SST Prop, new spray hood & covers. New steering, elec. & fuel systems. New VHF, CB, DF & compass. CG pkg. Dual batt. & much more. Like new. $8500. 516-399-2269.

14½ Glastron 1965, side console, 1982 Johnson 35 hp OB, 1982 SHoreline Galv. trailer. Many extras. All excl. 516-324-6739.

1973 WELLCRAFT V20 Step lift Fisherman, 165 Merc. I/O, Si-Tex HE32E flasher, dual batt., compass. Shoreline E-Z Load trailer. $6200. After 6PM. 516-667-0317.

WINNER 15' Fiberglass boat. Excl. cond. Good for fishing & skiing. Many extras. $750. 212-734-2438.

WOODEN BOATS
Swampscott Dories from $1500, 26' Verity model skiffs from $5000. D.M. LEIGHT & CO., Tenants Harbor, ME 04860. 207-372-6668.

24' Custom 1980 Mannino, Semi V, center console 175 hp Evinrude, power tilt/trim. Excl. sea boat for fishing, lobstering, skiing, heavy duty galv. trailer 4 wheels. Asking $9500. 516-261-6914.

Fiberglass 1971 Larson 18' Tri-hull w/115 hp Evinrude. $675. 212-881-0500 Any time. Great fishing boat!

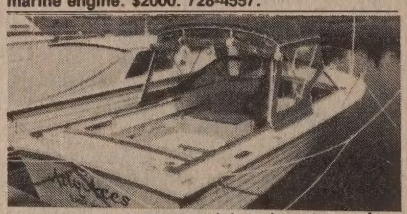
17' BOSTON WHALER MONTAUK, 90 hp Evinrude, new 1982. Used less than 25 hrs. Raytheon flasher-recorder, VHF, tach., compass, rod holders, 2, 12-gal. tanks, console & seat covers. Cox Galv. trailer, elec. winch. $9500. 734-5397.

EVINRUDE

NEW 1982 EVINRUDES 1982
2-$305; 4-$480; 4.5-$588; 7.5-$720; 9.9-$920; 15-$1010; 25-$1210; 35-$1360; 55-$1940; 60-$2200; 70-$2450; 90-$2838; 115-$2970; 140-$3525; 150-$3910; 175-$4120; 200-$4250; 235-4500. ELECTRA MARINE, 610 Merrick Rd., Lynbrook, NY 11563. Scott & McCulloch parts. FOB/H. WI. 516-599-3003. We ship anywhere.

WANTED DEAD OR ALIVE!
Cash waiting for your unwanted Johnson or Evinrude outboard motor. Used parts available. 516-727-7473. Eves.

LUHRS 32' Sportfisherman Flying bridge, dual controls, large cockpit, 250 hp FWC. Chrysler marine engine. $2000. 728-4557.



24' LYMAN Fiberglass Inboard, auto anchor, VHF, CB, fish finder. Loaded; mint. $10,500. Weekdays: 212-921-0870; Weekends 516-324-3109

WANTED: 19'-21' Fiberglass, Inboard w/cuddy. If possible, FWC, trailer, Call George, 914-668-8283. SERIOUS!

1980 235 h.p. Evinrude. New powerhead w/One-year warranty. Excl. condition. Asking $2900. 212-347-3852.

SEA OX on the North Shore: 17', 20', 23', Walk-around Cabin & Center Console. Also commercial. Good value; great ride. GLEN COVE MARINA, INC., 76 Shore Road, Glen Cove, NY 11542; 516-676-1377.

1977 SPARTAN Galv. tandem 21 boat trailer, 3500 lb. capacity, 812C power winch, bearing buddies. $1000. 516-724-1702.

$899 buys new 14' Fiberglass Dory. BURCK, 526 city Island Ave., Bronx, NY. 212-885-1559.

BOSTON WHALER Outrage 21', 81 150 hp Evinrude. Electronics, trailer, winch. Extras; Mint. $11,500. 516-271-0226.

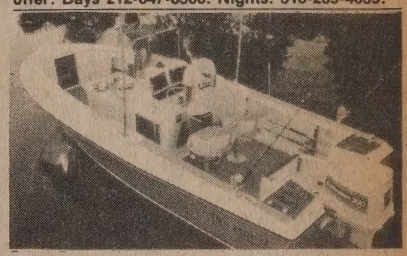
BAHA 26' open sportfish 10' 6'' Beam, 260 hp OMC Inboard; 1½ to 1 reduct. Si-Tex 767C Loran, Si-Tex paper recorder, VHF, AM/FM cass., trim tabs, full canvas w/backdrop, dual batt. & switch, Ritchie comp., rod holders, downrigger. Permanent S/S swim ladder, Porta-Potty. Purchased Sept. 1981, 75 hrs. $20,500. Anxious to sell. Bus: 212-366-7191. Home: 516-223-8676.

Mercruiser, big block Chevy 325 hp, FWC, R.H. 1-1½ red. $2000. 120 hp FWC Volvo w/2 out-drives. Controls & instrument panel, $650 or will trade for outboard motor. Big Block will trade for boat trailer for 22' boat. 516-221-6675.

KAYAK, Klepper 2-man fiberglass. Many acces-sories. Like new or will trade for antique clock. 516-354-2668.

1981 27' CENTURY. Sleeps 4. Loaded w/options. Excl. cond. Must see. $20,500 Firm. 516-473-1461.

Pair of Volvo Diesel TMD-40 6 cyl. Turbo 124 hp. All parts needed for installation. Like new; best offer. Days 212-647-8500. Nights: 516-239-4059.



AQUASPORT 17'-28'. Exclusive L.I. Dealers. STRONG'S MARINELAND, Rt. 25, Mattituck, 516-298-4020. LONG BEACH MARINELAND, Long Beach, 516-889-5000.

SPORTCRAFT 19' cuddy. Loads of fishing room. Plenty of freeboard for family safety; 65 hp Evinrude, compass, CB, trailer. $3695. 516-223-6135.

PHOENIX 29' 1983 Flybridge Cruiser, twin 270 Crusaders. Coming early March; priced right. Dealers for Stmas—Sea Ox, Glassport. STEIN'S BOAT & MOTOR, Sayville. 516-567-3313.

SEA OX 17', 20' & 25' commercial, sport & walk-around. In stock. Priced right. STEIN'S BOAT & MOTORS, 23 River Rd., Sayville, NY. 516-567-3313.

81 BOSTON WHALER 13' 35 hp Evinrude. 82 Tee-Nee Trailer, $5000. After 6PM. 212-251-5159.

1974 WELLCRAFT Tri-Hull w/70 hp Evinrude, CB & all accessories. Excl. Cond. $3500. 914-761-7974 or 516-728-4671.

SHAMROCK KEEL DRIVE—20' & new 26' gas or diesel; 3 models. Also Mako & Cruiser, Inc. Demo avail. Used 20' diesel, $13995. SOUTH SHORE BOATS, 516-288-2400; 516-728-0922.

1982 Pro-line 17' Johnson 90 hp, full roller Shoreland trailer. Used 20 hrs. Never in salt. Sacrifice at $6500. After 4PM. 518-828-7302.

1975 20' GRADY WHITE center console; 1976 200 hp Johnson tilt & trim. Many extras. Loaded. $8495. 516-239-4565.

1974 Chrysler 17' Open Bow. Seats 6 comfortably. Windshield, bow rail. Used only few times; mostly in freshwater. Draws only 8'', tri hull. Will handle 150 hp. Good fishing & skiing boat. Boat $3000; trailer $500. 201-369-4394 Eves. 201-359-3000 Days.

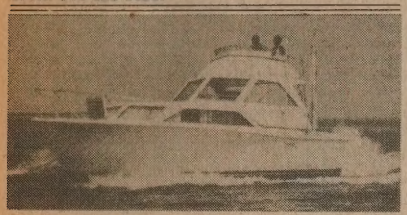
1970 PACEMAKER, 26' Glass, 250 hp/FWC, FB, CB, VHF, DF, refrig., stove, head, dinette. Sleeps 4. Many extras. Like new, lo hrs. $11,900. 516-669-8216.

1981 REGAL 24' Sportfisherman, cuddy cabin. Bimini top, 4 cyl. 170 hp Merc I/O, VHF, CB, Si-Tex recorder; trailer. Lo hrs. Many, many more extras. $12,300 Firm. Like new. Call Hugh Chancey, 516-261-8319.

1982 Grady White Bimini 22' cuddy walkaround Johns. 175 hp T/T, custom top/side/drop, VHF chart rec., 4 flush mt. r/h add extrs. $18,988.
1982 Grady White Tournament 22' dual console 170 hp OMC I/O 80 hrs. Loaded extras. N/T $18,900
Grady White 22' Seaferer walkaround cuddy 170 hp OMC V-6 I/O T/T power strng. batt. $19,876
Grady White 20' 4'' Overnighter walkaround cuddy 150 hp Johnson T/T battery giveaway at $13,945
1979 Grady White Fisherman center console 20' 4'', twin Johnson 70 hp. Full canvas, many extras. $7995.
1979 Privateer 20' 2'' center console 1979 70 hp Johnson, 30 gal. tank, ped. seat, demo. $6450
1973 Caravelle 17' - 100 hp Johnson 1969, $2550
1979 Fiberform 15', 1979 35 hp Evinrude $3495
1976 Aristocraft hard top 120 hp OMC I/O $3900
1972 Larson 18' customized hull & interior 115 hp Evinrude - 1969, 2 new lounge seats. $2395
1975 Sportcraft cuddy, 135 hp Johnson. $3975
1968 SeaRay 16' Good condition, 60 hp Johnson $1895
1970 11'' English Whaler 1982 new 15 hp Johnson, $2350
EDDIE'S MARINE SERVICE CORP., 210 Beach 2nd St., Far Rockaway, NY 11691; 212-327-3168.

26' 0 MAC KENZIE Cuttyhunk FWC 225 Mercruiser, electronics. Mint cond. All around. Asking $9500. 516-467-6782.

Excellent 6-man Charter boat & business. 1969 38' Uniflite. Soup to nuts; incl. live fish well, auto. pilot, Loran C., VHF, white line recorder & radar. Twin 235 HT 160 hp Perkins diesels, just 3-yrs.-old. Documented. Encl. hardtop FB, anchor, winch, spare shaft & props. $50,000 Firm. After 6PM. 516-623-6656.



30' PACEMAKER 1973 Fiberglass Express Cruiser, twin FWC Crusaders, dual stations. Full fishing/cruising accommodations. Many extras. Excl. $23,500. 516-728-6751.

WANTED TO BUY
16-18 Foot Aluminum boat, V-Hull, trailer, 7-15 hp. Good cond. Call Tony, 222-7034 Days. 754-1153 Nites.

31' BERTRAM Sportfisherman, 325 twin Mercruiser, FWC, tower, pulpit, gin pole, enclosure. Full elec. & fully equipped to fish. Too much to list. Mint. 516-668-2500.

WANTED: Sea-worthy boat, approx. 32'. Fiberglass, enclosed cabin, Flybridge, twin inboard engines. Deep-V hull. Desired for Canyon fishing. Days: 201-757-3600; Eves: 201-297-5038.

1981 MAKO. Mint condition. 175 Evinrude. Very lo hrs. Full canvas; VHF, white line recorder. Tandem wheel storage trailer. Loaded w/extras. $12,900. 725-2885 Eves & weekends.

FOR SALE—1978 MAKO 21 & Evinrude 200. Boat has fuel saving Bennett trim tabs, standing post; some canvas; bilge pump. V bottom provides smooth ride thru big seas. Full elec. optional. Motor fitted w/new power head last year. Al Ristori, 201-334-8059.

15' Fiberglass Commodore, unsinkable Whaler-type hull; 40 hp electric start Evinrude. New Teleflex steering & batt.; galv. trailer. Plus extras. $1975. 273-9200 9AM-6PM.

45' Party/Charter boat, 671 diesel, Si-Tex recorder, radar, CB, VHF, hailer. CG inspected 4/82. Certified for 40 + 2. $22,500 or Best Offer. Must sell; new boat coming. 516-422-2326.

BOATING EQPT.

USED BOAT TRAILERS: 1 used E-Z Loader, 16'-17', $400. 1 Shoreline EZ Roller, galv. 15'-17', $400. BAILEY'S TRAILER SALES, Freeport, 516-546-3757.

SEASON SPECIAL: Boat covers, full set, 1st quality. White on grey, Chrysler vinyl. Navy top, side curtains & back drop. Frames not incl. $275. Boats to 20'. FOREAN KUSTOM, 516-549-9489.

Canvas Bimini top & stainless frame. One-yr.-old, fits 41 Hatteras. Negotiable. 516-433-5991.

WANTED: Large Fighting Chair w/foot rest. In Good cond. After 4PM. 516-735-0305.

Radar, Loran, autopilots, VHF, SSB, Fish recorders. Sales & service most major brands. Custom installations. MARITIME COMMUNICATIONS, Inc., 377 Woodcleft Ave., Freport, NY. 516-623-4421.

Propellers, Bronze: 17x15, L4-1¼; 16x18, R3-1¼; 16x16, L3-1-1/8. $50 ea. Bow rail, stainless, three stanchion, $75. Alcohol Stove, stainless, $50. 914-835-4651.

TUNA TOWERS, HALF TOWERS & RADAR ARCHES—Custom made to your specifications. Anodized aluminum construction; welded joints. Delivered & fitted to your boat. Controls optional. Free estimates. Also self-inflating life rafts. Call Bob Christian, Eves: 516-979-9193.

TRAILER HITCHES—All classes. Registered trailer repair & inspection shop. Glen Head, N.Y. 516-676-5313.

FOR SALE:
Onan Marine generator, gas model. M.J.A. w/manifolds & manual. Complete overhaul by Onan, not used since. Will demo. $475. 516-924-4538.

BOAT TRAILERS FOR RENT: Single & Tandem axle. Daily, weekly, monthly rates. Temporary & Permanent hitches for Sale or Rent. BARN TRAILER SERVICE, 57-06 Broadway, Woodside, NY. 212-426-7039.

TRAILER HITCHES. The most complete Draw-Tite line of Class I & II hitches in stock in Long Island. Sales, installations & service. TOM CASH WELDING, Lake Ronkonkoma. 516-JU 8-6143.

Carburetors, Starters, Alternators. Rebuilt on premises. Free bench check; same day service. CRAFTSMAN, 268 Rte. 109; 516-752-1259.

100% Stainless steel marine products: rails, towers, ladders, brackets, hinges, cleats, rod holders, shafts, struts, chocks, fasteners, pulpit. Custom & standard products avail. SEABRITE STAINLESS SALES CO., 63 Morris Avenue & Hwy. 35, Neptune City, NJ 07753; 201-988-8818. Send $2.25 for complete catalog.

FOR SALE—ELECTRONICS: Datamarine digital, Regency Polaris VHF, Meca recorder, Pearce Simpson CB. Package or separate. 212-892-8539.

3 Watt, 78 Ch. Marine hand-held VHF radio w/heavy duty NICAD batt., AC wall charger & Flex antenna. While they last - $299. SEAWAY COMMUNICATIONS, Lindenhurst. 516-957-7171.

FOR SALE: 4 tires 570-8, 6 ply, Ray Jeff 520 depth finder, Chrysler prop. 524-19 c/p for 140 hp motor. Days 289-5071. After 5PM 289-2695.

TOP BRAND BOAT TRAILERS DISCOUNTED
12'-$290; 14'-$310; 15'-$340; 16'-$355; 18'-$500; 20'-$640; 22' + 24 + 26' also avail. Extra capacities, roller cradles, galvanizing, delivery optional. Mariner outboards - Duranautic boats. 201-736-3909.

20% off List Price on all Evinrude & Johnson propellers in stock. BURCK, 526 City Island Ave., Bronx, NY, 212-885-1559.

LORAN SPECIAL—LIMITED OFFER!
TI 9900-$1169; 9000-$559. Si-Tex 757C-$1129; 787-$599. Call 9-5: WEST SHORE COMMUNICATIONS for your marine electronic needs. 212-674-4847.

BOAT TRAILER REPAIR. Complete w/all new galvanized parts. FAZIO MFG., INC., 87 Arlington Avenue, St. James New York 11780; 516-265-3036.

MORROW EAGLE LORAN w/steering, now only $1095, incls. antenna & mount free. Choose the one with proven track record. Want to learn about Loran? Audio/visual introduction any time. Plus Loran unit on live antenna for demo. HEINE MARINE ELECTRONICS, 250 Montauk Hwy, Islip, 516-581-0194.

TRAILER HITCHES—All classes. Registered trailer repair & inspection shop. Glen Head, NY. 516-676-5313.

1¼''x76'' bronze shaft - $100; 1-1/8''x57'' bronze shaft - $75; 17''x14''x1¼'' rh prop - $40; 13''x13''x1-1/8'' rh prop - $30. Eves. 212-229-6782.

20% off List Price on all OMC tachometers in stock. BURCK, 526 City Island Ave., Bronx, NY; 212-885-1559.

Bimini Top for center console boat. Taken off Aquasport 24' 6''. 1-year-old. $250. 516-283-9583.

MISCELLANEOUS

BUSINESS OPPORTUNITIES
Mariner Outboards is looking for dealers in select areas on Long Island/NY City. We offer the most profitable dealer support programs in the marine industry. If you are interested in expanding your present business or looking to start one, call Jim Armer at 800-526-3820.

PIPE SMOKERS—Natural Briar ''Rejects.'' Perfect outdoor pipe. $5 ppd. Sample pouch Cavendish. $2 ppd. WESTWINDS, P.O. Box 201, College Point, NY 11356.

Winter Canvases up to 50% off. Winter storage from $6.50 a foot 19'-28'. 519 BOAT YARD, Copiague: 516-789-8789.

DISCOUNT MARINE SUPPLIES
Army/Navy surplus goods. Send for Free Catalog. 1st quality tools at wholesale prices. COOPER'S GALLEY, W. Water St., next to Post Office, Sag Harbor, NY 11963; 516-725-0661.

CASIO WATERSPORT WATCHES
People who take to the water will surely take to these digitals, on the deck of a boat or below the waves. The new Model W-24, pictured, is water resistant to 50 meters/150' below the water. Features incl: stopwatch, hourly/half hourly time signals, daily alarm, countdown timer w/repeat, calendar, micro-light for night-viewing, 5-Yr. Lithium batt. Now only $22.95. Model W-300 watersport incls. all the features of the W-24 & is good to a depth of 100 meters, comes with a 7-Yr. Lithium batt. Now only $29.95. New Model TS-1000 watersport thermometer watch. Features incl. depth to 100 meters, thermometer with C°/F° scale, thermo-alarm, daily alarm, hourly time signal, stopwatch, world time, 12/24 hr. format, micro-light. Now only $39.95. Model LW601C Ladies 50 meter watersport, features incl. daily alarm, hourly time signal, countdown alarm, calendar. Now only $30.95. Model LW-5 50 meter ladies watersport, features hour, minute, month, date, seconds display. 7-Yr. Lithium batt. Now only $14.50. Add $2.50 UPS & hdl. for ea. watch ordered. All watches come with 1-Yr. warranty from Casio. Send check or M.O. to: INTER-AMERICA TRADING CORP., 16 W. 22nd St., Suite 200A, Dept. LF-2, New York, NY 10010

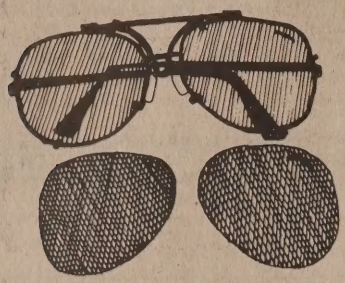
Continued On Next Page

Pony Pump—bilge washdown, $60. 2 surf sticks & reels, $50. 2 flounder sticks & reels, $20. Stren line; great price! 271-6133.

$45/hundred Processing envelopes. Postage paid. Send self-addressed stamped envelope to: LCD, 2756 Moritz St., 1 Jonquiere, Q Canada, G7S 2E5.

MONTAUK FISHING FILMS—sharks, marlin, tuna, blues. Winter boredom? Club officers can call Capt. Zac Gorssman of the MAKO EXPRESS. Have videotape; will travel. 914-834-8661 Eves.

GOVERNMENT SURPLUS: Countless dirt-cheap bargains/ Jeeps; trucks; boats; camp gear. Discounted 95%. Greatest Directory/Manual around. $1.00. Guaranteed. Order now! SUVITA, 14421-P, Phoenix, AZ 85063.



SHADES OF PERFECTION FOR $7.50

These glasses only look like the Carrera/Porsche glasses that are being sold for $179 in the Gold frame & $119 in the Black frame. But you could have fooled me & most of your friends. These glasses feature a lightweight aviator style frame finished in black or gold plate. A special hinge in the center allows for quick replacement of the extra pair of lenses. Comes w/grey lenses & an extra pair of brown lenses. Complete w/case. The best part is the price. #527-Gold Frame. #528-Black Frame ea. $7.50 plus $2 UPS & Hdlg. Send check or M.O. to: INTER-AMERICA TRADING CORP., 16 W. 22nd St., Suite 200A, New York, NY 10010.

1970 Honda 750, 13,000 miles. Green. Runs good. Needs tuneup. $600. 283-9583.

BEACH Buggies, Boat Trailers—welding, rust removed, undercoating & painting, by professionals. Free estimates; 10% discount with Ad. Call BODYWORKS, 212-372-9844.

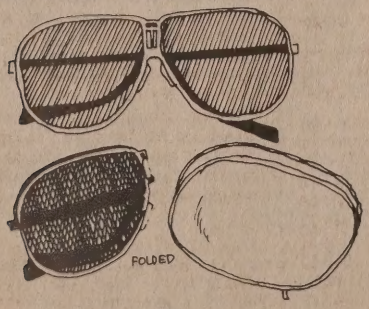
On Water Boat Deliveries: U.S.C.G. licensed captains. Marine Survey Service, 516-842-5928 or 516-757-7041.

BAIT—Sea Clams by the bushel, wholesale or retail. BRIELLE BAIT CO., 201-899-0832/8531. 6-10PM.

LOBSTER POTS!! Now on L.I.! Steel wire lobster pots made to order. Outfishes wood pots; last 3 times longer for the same price! Kits or assembled. Frank, 516-724-3372. Jim, 516-928-9603.

COMPASSES—COMPASSES—COMPASSES

Remember, if it has anything to do with compasses at all, give me a call! Huge inventory of Ritchie compasses. Expert installation & adjustment. Authorized repair service. I also carry a complete line of binoculars, sextants, clocks, barometers. JENS JACOBS NAUTICAL SERVICE, 516-757-7169.



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If you like the sporty compact look, I am sure that our lightweight folding sunglasses will appeal to you. Available w/ Black or Gold tone frame, each in its own zippered case. #525-Gold; #526-Black. $6.50 plus $2 UPS & Hdlg. Send check or M.O. to: INTER-AMERICA TRADING CORP., 16 W. 22nd St., Suite 200A, New York, NY 10010.

Summer Dockage & Winter Storage avail. Deep, wide, picturesque river in Copiague. 20 mins. to Frank & Dick's. Full service: Mercruiser, OMC & Volvo. Used boats for sale. Check us out. 519 Marina, 519 Boatyard. 516-842-1579 & 516-789-8789.

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Tired of fishing alone? Fishing getting too expensive? Send for free information. Box 121, Mastic Beach, NY 11951.

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Learn to winterize your outboard like the pros. Simple instructions. Send $2: D. HOLT, 78 Pine Rd., Mastic Beach, NY 11951.

FULLY LICENSED CAPTAIN—Available for charters, water deliveries, transfers, individual trips; boat handling instruction. 516-795-4498.

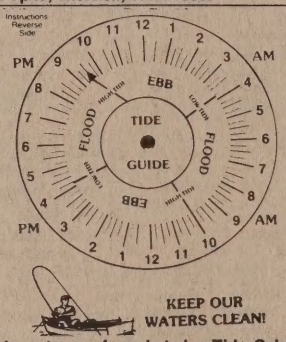
MAGIKOTE: Glass clear, saltwater proof coating. Spray, dip, roll or brush on. Adheres permanently to all surfaces. Use as is; no mixing, thinning or stirring. $37.95 per gallon, incls. shipping. Check or M.O. to: REGAL PRODUCTS, P.O. Box 587, Huntington Sta, NY 11746.

GRUNDEN AND HELLY foul weather gear, polar jackets & boot liners in stock, plus work boots from Poland under $20. Full Grunden suit in international orange or dark green. $79. HEINE MARINE ELECTRONICS, 250 Montauk Hwy, Islip. 516-581-0194.

FOR SALE: New, used, 4WD, catering Long Island fishermen. Priced right. Bill Potts, 516-588-1800.

GRUNDEN Of Sweden—Commercial foul weather gear. Briggs hooded jacket - $35.95. Clipper trousers - $39; Herkules trousers - $44. N.Y. Residents add tax. Add $2 shipping. OLDE SALT LIMITED, 1925 West 3rd St., Bklyn, NY. 11223. 212-998-8794.

FISH IDENTIFICATION CHART—shows 85 salt & fresh water species native to our East Coast. Lithographed in beautiful, lifelike color on heavy, coated stock. Suitable for framing, size 36"x24". Send CK or M.O. for $9.95 to: P. MILLER, 150 Babylon Tpke, Merrick, NY 11566.



A simple waterproof, pocket-size Tide Calculator. Use it anywhere along the East Coast. Rotate the dial to get your own 25-hour local tide schedule. Satisfaction guaranteed. $2.49 plus NY State sales tax & $.50 P/H. Total $3.17. Send check or money order to: TIDE GUIDE, P.O. Box 278, Brightwaters, NY 11718.

A GREAT GIFT IDEA! Solid cast metal fish belt buckles. Avail. fluke, blue, striper, flounder, tuna, porgy, shark, harpoon dart. Also avail. striped bass pin. $6.95 ea. Send ck. or M.O. to: P. MILLER, 150 Babylon Tpke, Merrick, NY 11566.

FISH COOKBOOK. Over 130 fish recipes for your local catch. Lies flat for easy reading. Also appetizers & veggies to serve with your fish. Send $6.95 plus NJ Sales Tax to: PISCES ENTERPRISES, P.O. Box 23, Bay Head, NJ 08742. TFN

FISHING TACKLE

FOR SALE: Penn Senator 116, 12/0 w/80 lb. dacron, $100. Penn Hi-speed 113H, 4/0 w/30 lb. dacron, $50. Penn Hi-speed 114H, 6/0 w/50 lb. dacron, $60. Penn Senator 115, 9/0 w/80 lb. dacron, $75. Call Eves. 516-599-4325. Firm.

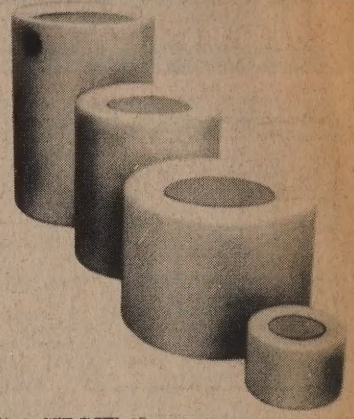
8 Harnell Rods, surf & boat. $215. 1 custom Diamond wrap Harnell, new cod stick. $175. 201-566-6656.

CUSTOM HANDCRAFTED Rods. You name it; I make it. Ultra-light; offshore. Finest materials; epoxy finishes. Eves. 212-763-1787.

FOR SALE: Crack reel. Excl. cond. First $125 takes it away. 516-223-6135.

SAVE MONEY

Turn your favorite rods back to new. All types of rod repairs & wraps in stock. Custom built IGFA rods, 12, 20, 30, 50. Rods sold individually. Discounts on complete sets. Special orders accepted. 516-724-0478 after 6PM.



LIVE BAIT WELLS, pumps & accessories. For free brochure send $.25 p/h. THE CADDY CO., 57 Bayonne Ave., Dept. E, Central Islip, New York 11722; 516-234-0144.

FREE CATALOG. Fine fresh & salt water fishing tackle at low, low prices. WEST FALMOUTH TACKLE, Box 690NY, West Falmouth, MA 02574.

FLUKE KILLER RIGS: The ultimate in a deadly double hook rig. You will hook more & lose fewer fluke, since fish can't avoid fully adjustable tail hook. Hand tied, finest materials. 3/$3.50. P. MILLER, 150 Babylon Tpke., Merrick, NY 11566. Our 11th year.

Legendary Crack 300 surf reel w/extra spool & drag components. Absolutely mint cond. plus custom surf rod. $140 FIRM. 516-221-0171.

ATTENTION: Flounder Fishermen—Killer flounder rigs. Hand tied. Proven fish catcher. 3/$2; 6/$3.75. D. HOLT, 78 Pine Rd., Mastic Beach, NY 11951.

Flounder Fooler Rig. Artificial alternative to live bait. Reusable. 3/$4.50. Trial size $2.15. Box 121, Mastic Beach, NY 11951.

CATCH FISH!

As seen in The Fisherman. Linesider "Needlefish" plug. 1 oz. Colors: Olive, black, silver - $4.50 ea., 3/$12.75, plus 10% shipping/handling. NY res. add tax. Others available/ SASE for list. TACKLE MASTERS, PO Box 952, Glen Cove, NY 11542.

CUSTOM MADE POLES

IGFA 50 lb, 2-pc. machined seats, AFTCO heavy duty guides, aluminum butts, Diamond wrapped, monogrammed two coats epoxy - $155. IGFA 80 lb., same except Big Foot guides - $190. All sizes avail. Satisfaction guaranteed. Eves. 588-4668.

REAL ESTATE

FOR SALE—Fishing Station with Dockage, rental boats & motors. 516-378-7482.

FOR SALE:

Keene, N.H.—4.2 wooded acres. Water & elec. access. Must sell. Asking $10,000. Call after 6PM. 516-725-3915.

HAMPTON BAYS: Year-round 2 bdrm Ranch, 1/4 acre corner, Shinnecock Canal. Best fishing in Hamptons. Near beach, marinas. 11½% assumable mortgage. $59,900. 516-728-8599.

COLUMBIA COUNTY 25 miles from Albany: 2 bedroom Year-Round home. 4 acres plus. Hilltop panoramic view. $60,000. 516-781-8361. After 6PM

BEACH BUGGIES

1970 Ford BRONCO w/1980 302 engine. Many extras & new parts. Set up for beach. No rust. Excl. cond. $2700 Firm. After 6PM. 516-887-4413.

High Tide Tables

How to use tide tables: To compute the high tide for the area you wish to fish, simply find the closest area on the conversion table. Add or subtract the hours and minutes as indicated from that area station above. Example: Shinnecock Inlet . . . −0 50 is listed under "On SANDY HOOK." −0 50 means you subtract 50 minutes from the times given for the SANDY HOOK STATION for the day you are going fishing. This is the approximate time for the high tide in the area. For low tide, add 6½ hours to this figure.

DAY	SANDY HOOK AM	SANDY HOOK PM	BREAKWATER HARBOR AM	BREAKWATER HARBOR PM	NEW YORK AM	NEW YORK PM	NEW LONDON AM	NEW LONDON PM	WILLETS POINT AM	WILLETS POINT PM	BRIDGEPORT AM	BRIDGEPORT PM	NEWPORT AM	NEWPORT PM	DATE
THURS.	4:45	5:15	5:50	6:10	5:30	6:05	6:35	7:05	9:05	9:35	8:15	8:45	4:45	5:05	3/10
FRI.	5:35	6:05	6:35	6:55	6:25	6:50	7:10	7:45	9:50	10:10	9:00	9:25	5:30	5:50	3/11
SAT.	6:20	6:40	7:15	7:30	7:00	7:25	7:50	8:20	10:25	10:45	9:45	10:05	6:15	6:35	3/12
SUN.	7:00	7:20	7:50	8:05	7:40	8:05	8:30	8:50	10:50	11:00	10:20	10:40	6:55	7:10	3/13
MON.	7:40	7:55	8:25	8:45	8:15	8:35	9:05	9:25	11:00	11:15	11:00	11:15	7:30	7:50	3/14
TUES.	8:15	8:25	9:00	9:15	8:50	9:10	9:40	10:00	11:25	11:40	11:35	11:50	8:10	8:30	3/15
WED.	8:50	9:05	9:35	9:50	9:20	9:40	10:20	10:40	—	12:00	—	12:10	8:50	9:10	3/16
THURS.	9:25	9:40	10:10	10:30	9:55	10:15	11:00	11:20	12:15	12:40	12:25	12:50	9:25	9:45	3/17

On Sandy Hook

STATEN ISLAND	+0 27
ATLANTIC HIGHLANDS	−0 01
Red Bank, Navesink River	+1 48
Long Branch	−0 34
SHARK RIVER INLET	−0 18
Shark River Basin	+0 27
MANASQUAN INLET	−0 12
Seaside Park	−0 33
Mantoloking bridge	+5 34
TOMS RIVER	+4 37
Waretown	+2 33
BARNEGAT LIGHT	−0 20
Manahawkin Bridge	+2 33
Beach Haven	+1 47
LITTLE EGG INLET	−0 01
Seven Islands	+0 12
Graveling Point	+1 05
Mullica River	+1 55
Grassy Bay	+1 08
ABSECON INLET	+0 14
Atlantic City Pier	−0 26
Great Egg Harbor Inlet	+0 12
GREAT EGG HARBOR	+0 44
CORSON INLET	+0 09
TOWNSENDS INLET	+0 06
HEREFORD INLET	+0 02
Grassy Sound Bridge	+0 45
Cape May Harbor	−0 02
Rehobeth Beach	−0 07
INDIAN RIVER INLET	+0 41
SHINNECOCK INLET	−0 50
Shinnecock Bay	+1 25
East Quogue	+2 45
Shinnecock Canal	+1 18
Indian Reservation	+3 05
MORICHES INLET	−0 56
Smith's Point	+3 28
Hart's Cove	+1 30
Pontunk Point	+3 35
Mastic Beach	+3 28
FIRE ISLAND INLET	−0 38
Democrat Point	−0 38
Coast Guard Station	−0 19
Fire Island Light	+0 47
GREAT SOUTH BAY	
Sayville (Brown Creek)	+3 39
Heckscher State Park	+3 20
Bay Shore	+2 23
Babylon	+2 12
Amityville	+2 21
JONES INLET	−0 19
Zachs Bay	+1 25
Seaford Harbor	+2 05
Freeport Creek	+0 34
E. ROCKAWAY INLET	−0 06
Long Beach Bridge	+0 19
ROCKAWAY INLET	0 00
Beach Channel Bridge	+0 38
J.F.K. Airport	+0 26

On Bridgeport

Lloyd Point	+0 08
Cold Spring Harbor	+0 08
Bayville Bridge	+0 13
Eatons Neck Point	+0 03
Northport Bay	+0 03
Norwalk Islands	+0 10
Smithtown Bay	+0 08
Cranes Neck Point	+0 05
Port Jefferson Hbr. entrance	+0 03
New Haven Harbor	+0 08
Mount Sinai Harbor	+0 05
Herod Point	−0 07
Mattituck Inlet	+0 05
Horton Point	−0 20
Truman Beach	−0 42
Falkner Island	−0 13
Sachem Head	−0 10
Branford Harbor	−0 07
New Haven Harbor entrance	−0 08
Milford Harbor	−0 07
Stratford, Housatonic River	+0 27
Shelton, Housatonic River	+1 36
Black Rock Harbor entrance	−0 03
Saugatuck River entrance	−0 01
South Norwalk	+0 10
Greens Ledge	−0 01
Stamford	+0 04
Cos Cob Harbor	+0 06
Greenwich	+0 02

On New London

Orient	+0 36
Little Gull Is. (Race)	+0 12
Greenport	+1 04
Southold	+1 43
New Suffolk	+2 26
South Jamesport	+2 32
Shinnecock Canal	+2 33
Noyack Bay	+2 05
Sag Harbor	+0 59
Three Mi. Hbr., Gardiners Bay	+0 21
Promised Land, Napeague Bay	−0 14
Montauk Inlet	−0 25
Montauk Point, north side	−1 13
Niantic	+1 20
Stonington, Fishers Is. Sound	−0 33
Noank, Mystic River ent.	−0 23
THAMES RIVER	
Smith Cove entrance	−0 01
Norwich	+0 12
CONNECTICUT RIVER	
Saybrook Jetty	+1 10
Lyme, highway bridge	+1 24
Essex	+1 38
East Haddam	+2 41
Higganum Creek	+2 54

On Willets Point

Little Neck Bay	−0 10
Execution Light	−0 06
Manhasset Bay	−0 01
Hempstead Harbor	−0 11
City Island	−0 03
Rye Beach	−0 28
Port Chester	−0 09
Mamaroneck	−0 08
New Rochelle	−0 24
Davids Island	−0 02

On Breakwater Harbor

CAPE MAY POINT	−0 10
Miami Beach	+0 17
East Pt., Maurice River Cove	+0 53
Egg Island Point	+0 33
Cape Henlopen	−0 05
ROOSEVELT INLET	+0 09
Mispillion River entrance	+0 33

On New York

Jersey City	+0 07
George Washington Bridge	+0 46
Spuyten Duyvil, W/RR bridge	+0 58
Ossining	+1 53
Peekskill	+2 24
West Point	+3 16
Newburgh	+3 42

On Newport

Sakonnet	−1 10
Tiverton (between bridges)	+0 21
Beavertail Point	−0 02
Prudence Is., Sandy Point	+1 10
Bristol	+1 10
Warren	+0 21
Nayatt Point	+0 12
Pawtucket, Seekonk River	+0 21
East Greenwich	+0 16
Wickford	+0 12
Narragansett Pier	−0 08
Point Judith Hbr. of Refuge	−0 07
BLOCK ISLAND	
Great Salt Pond	+0 05
Block Island (Old Harbor)	−0 14
Watch Hill Point	+0 44

Sunrise/Sunset

DAY / DATE:	RISE:	SET:
THU. 3/10	5:50	6:31
FRI. 3/11	5:52	6:29
SAT. 3/12	5:53	6:27
SUN. 3/13	5:54	6:25
MON. 3/14	5:55	6:23
TUE. 3/15	5:56	6:21
WED. 3/16	5:57	6:20

Moonrise/Moonset

DAY / DATE:	RISE:	SET:
THU. 3/10	4:24AM	1:59PM
FRI. 3/11	5:02AM	2:57PM
SAT. 3/12	5:35AM	3:58PM
SUN. 3/13	6:04AM	4:59PM
MON. 3/14	6:31AM	6:01PM
TUE. 3/15	6:57AM	7:03PM
WED. 3/16	7:22AM	8:07PM

Moon Phases

NEW	1st Qtr.	FULL	Last Qtr.
3/14	3/22	3/28	3/6

The Original Knight SOLUNAR TABLES

The schedule of solunar periods below will help plan your day so that you will be fishing good areas during the time when the fish should be most active. The tables are not a guarantee you will catch fish, however.

The major periods begin at the time shown and last for 1½ to 2 hours thereafter, and are in the bold typeface. The minor periods are shorter in duration and the lighter typeface.

	AM		PM	
	Minor	Major	Minor	Major
Thurs.	1:45	7:50	2:00	8:15
Fri.	2:30	8:35	2:45	8:55
Sat.	3:10	9:15	3:25	9:40
Sun.	3:55	10:00	4:10	10:20
Mon.	4:35	10:30	4:45	11:00
Tues.	5:15	11:20	5:35	11:45
Wed.	6:00	—	6:30	12:15
Thurs.	6:50	12:40	7:15	1:00

Look out, Trout!

Bass and salmon too!
Garcia has a potent new weapon against fighting fish:

Ultra Mag—the finest line of Ambassadeurs ever. The ultimate in baitcasting reels. Engineered with unmistakable Garcia quality. And backed by Garcia's exclusive 10-year warranty.

Because only Garcia combines far-reaching technology with time-tested craftsmanship to equip you with precision fishing instruments like our three new Ultra Mag Ambassadeurs.

All with our unique six-element magnetic braking control that's micro-adjustable to stop backlash without distance loss . . . exclusive self-centering level wind with free-floating design to extend range . . . durable fixed axle for freer spool rotation.

And the Ultra Mag Plus also offers an optional flipping control that instantly engages spool when your casting thumb is released from FAST CAST™ bar.

Ultra Mag Ambassadeurs. Try their quiet excellence at your Garcia dealer's. Each will give you years of fishing pleasure.

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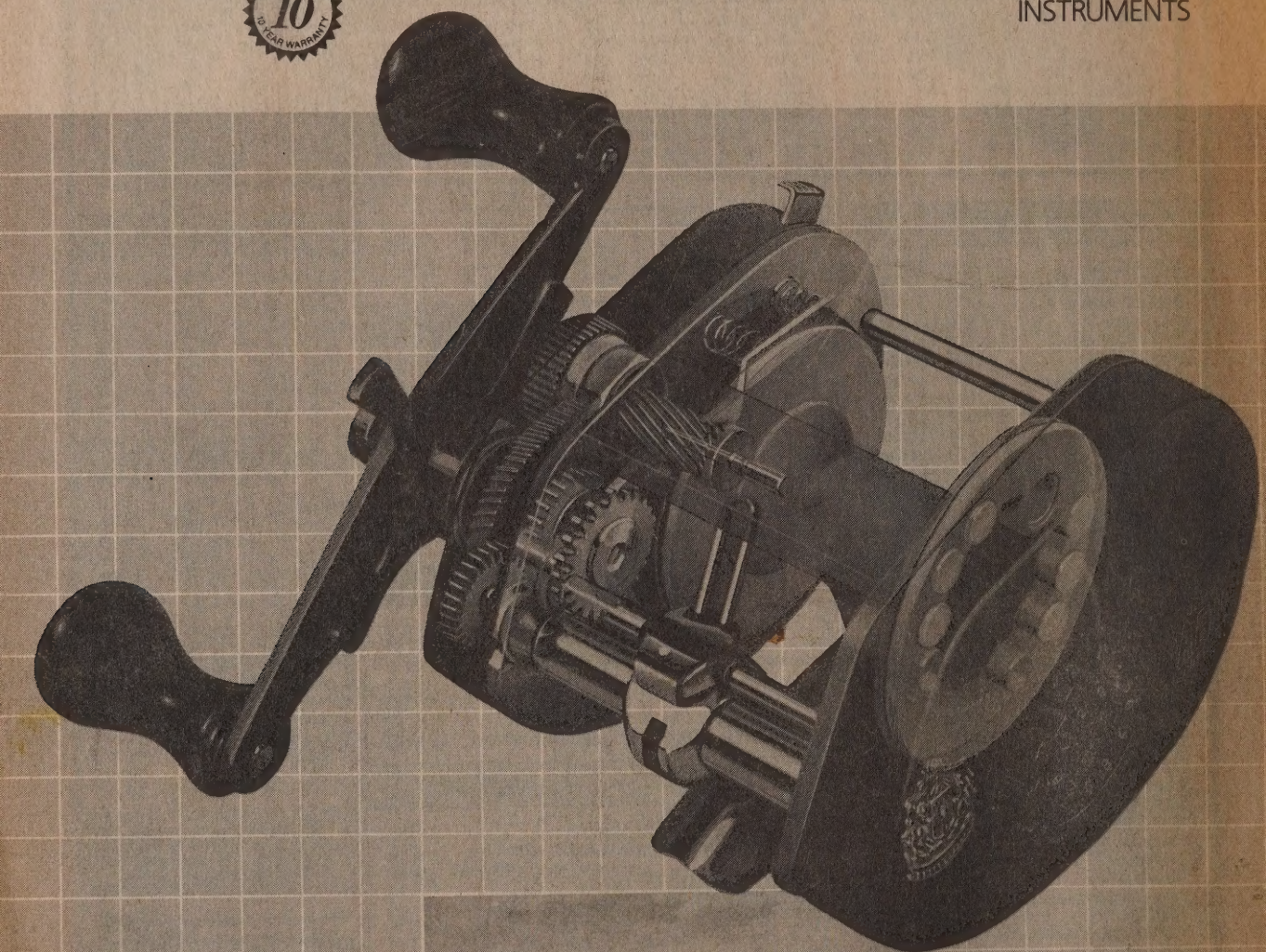
PRECISION FISHING INSTRUMENTS



AMBASSADEUR